

## SEQUENCE LISTING

<110> Dana Ault-Riche  
 Bruce Atkinson  
 H. Mario Geysen

<120> METHODS FOR PRODUCING POLYPEPTIDE-TAGGED COLLECTIONS AND CAPTURE SYSTEMS  
 CONTAINING THE TAGGED POLYPEPTIDES

<130> 25885-1754

<140> Not Yet Assigned  
 <141> Herewith

<150> 60/422,923  
 <151> 30-OCT-2002

<150> 60/423,018  
 <151> 30-OCT-2002

<160> 1094

<170> FastSEQ for Windows Version 4.0

<210> 1  
 <211> 18  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer

<221> variation  
 <222> 5,6,11,14,17  
 <223> N is any

<400> 1  
 gatcnngatc ntcngang

18

<210> 2  
 <211> 18  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer

<221> variation  
 <222> 5,6,11,14,17  
 <223> N is any

<400> 2  
 gatcnngatc ntcngang

18

<210> 3  
 <211> 18  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer

<221> variation  
 <222> 5,6,11,14,17  
 <223> N is any

<400> 3  
 gatcnngatc ntcngang 18  
  
 <210> 4  
 <211> 74  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer  
  
 <221> variation  
 <222> 66  
 <223> N is G or T  
  
 <221> misc\_feature  
 <222> 39-42  
 <223> Shine-Dalgarno sequence (AGGA)  
  
 <400> 4  
 gaattctaatac acgactcact atagggttaa ctttaagaag gagatataca tatgatggtc 60  
 cagctnctcg agtc 74  
  
 <210> 5  
 <211> 53  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer  
  
 <221> variation  
 <222> 45  
 <223> N is G or T  
  
 <221> misc\_feature  
 <222> (1) ... (17)  
 <223> T7 RNA polymerase promotor  
  
 <221> misc\_feature  
 <222> 34-36  
 <223> Start codon  
  
 <400> 5  
 taatacgact cactataggg aagcttgcc accatgggtcc agctnctcga gtc 53  
  
 <210> 6  
 <211> 34  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Oligonucleotide: SfilNotIFor  
  
 <400> 6  
 catggcggcc cagccggcct aatgagcggc cgca 34  
  
 <210> 7  
 <211> 34  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Oligonucleotide: SfilNotIRev

<400> 7  
 agcttgcggc cgctcattag gccggctggg ccgc 34  
 <210> 8  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Oligonucleotide: HAFor  
 <400> 8  
 ctagaatatc cgtatgatgt gccggattat gcgaatagcg ccg 43  
 <210> 9  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Oligonucleotide: HAREv  
 <400> 9  
 tcgacggcgc tattcgcata atccggcaca tcatacggat aaa 43  
 <210> 10  
 <211> 40  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Oligonucleotide: M2For  
 <400> 10  
 ctagaagatt ataaagatga cgacgataaa aatagcgccg 40  
 <210> 11  
 <211> 40  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Oligonucleotide: M2Rev  
 <400> 11  
 tcgacggcgc tattttttatc gtcgtcatct ttataatcaa 40  
 <210> 12  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVH1aBACK  
 <400> 12  
 caggtgcagc tgggtgcagtc tgg 23  
 <210> 13  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer:HuVH2aBACK

<400> 13  
 cagctcaact taagggagtc tgg 23  
 <210> 14  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer:HuVH3aBACK  
 <400> 14  
 gaggtgcagc tggaggagtc tgg 23  
 <210> 15  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer:HuVH4aBACK  
 <400> 15  
 caggtgcagc tgcaggagtc ggg 23  
 <210> 16  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer:HuVH5aBACK  
 <400> 16  
 gaggtgcagc tggtgcagtc tgc 23  
 <210> 17  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer:HuVH6aBACK  
 <400> 17  
 caggtacagc tgcagcagtc agg 23  
 <210> 18  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer:HuJH1-2FOR  
 <400> 18  
 tgaggagacg gtgaccaggg tgcc 24  
 <210> 19  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJH3FOR



<400> 19  
 tgaagagacg gtgaccattg tccc 24  
 <210> 20  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJH4-5FOR  
 <400> 20  
 tgaggagacg gtgaccaggg ttcc 24  
 <210> 21  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJH6FOR  
 <400> 21  
 tgaggagacg gtgaccgtgg tccc 24  
 <210> 22  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVkappalaBACK  
 <400> 22  
 gacatccaga tgacccagtc tcc 23  
 <210> 23  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVkappa2aBACK  
 <400> 23  
 gatgttgtga tgactcagtc tcc 23  
 <210> 24  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVkappa3aBACK  
 <400> 24  
 gaaattgtgt tgacgcagtc tcc 23  
 <210> 25  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVkappa4aBACK

<400> 25  
 gacatcgtga tgacccagtc tcc 23  
 <210> 26  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVkappa5aBACK  
 <400> 26  
 gaaacgacac tcacgcagtc tcc 23  
 <210> 27  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVkappa6aBACK  
 <400> 27  
 gaaattgtgc tgactcagtc tcc 23  
 <210> 28  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVlambdalBACK  
 <400> 28  
 cagtctgtgt tgacgcagcc gcc 23  
 <210> 29  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVlambda2BACK  
 <400> 29  
 cagtctgccc tgactcagcc tgc 23  
 <210> 30  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVlambda3aBACK  
 <400> 30  
 tcctatgtgc tgactcagcc acc 23  
 <210> 31  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVlambda3bBACK

<400> 31  
 tcttctgagc tgactcagga ccc 23  
 <210> 32  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVlambda4BACK  
 <400> 32  
 cacgttatac tgactcaacc gcc 23  
 <210> 33  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVlambda5BACK  
 <400> 33  
 caggctgtgc tcaactcagcc gtc 23  
 <210> 34  
 <211> 23  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVlambda6BACK  
 <400> 34  
 aattttatgc tgactcagcc cca 23  
 <210> 35  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJKappa1FOR  
 <400> 35  
 acgtttgatt tccaccttgg tccc 24  
 <210> 36  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJKappa2FOR  
 <400> 36  
 acgtttgatc tccagcttgg tccc 24  
 <210> 37  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJKappa3FOR

<400> 37  
 acgtttgata tccactttgg tccc 24  
 <210> 38  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJKappa4FOR  
 <400> 38  
 acgtttgatc tccaccttgg tccc 24  
 <210> 39  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJKappa5FOR  
 <400> 39  
 acgtttaatc tccagtcgtg tccc 24  
 <210> 40  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJlambdalFOR  
 <400> 40  
 acctaggacg gtgaccttgg tccc 24  
 <210> 41  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJlambda2-3FOR  
 <400> 41  
 acctaggacg gtcagcttgg tccc 24  
 <210> 42  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJlambda4-5FOR  
 <400> 42  
 acctaaaacg gtgagctggg tccc 24  
 <210> 43  
 <211> 28  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuJH1-2

<400> 43  
 gcaccctggt caccgtctcc tcaggtgg 28  
 <210> 44  
 <211> 28  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuJH3  
 <400> 44  
 ggacaatggt caccgtctct tcaggtgg 28  
 <210> 45  
 <211> 28  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuJH3  
 <400> 45  
 gaaccctggt caccgtctcc tcaggtgg 28  
 <210> 46  
 <211> 28  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuJH6  
 <400> 46  
 ggaccacggt caccgtctcc tcaggtgg 28  
 <210> 47  
 <211> 32  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuVkappalaBACKFv  
 <400> 47  
 ggagactggg tcatctggat gtccgattcg cc 32  
 <210> 48  
 <211> 32  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuVkappa2aBACKFv  
 <400> 48  
 ggagactgag tcatcacaac atccgatccg cc 32  
 <210> 49  
 <211> 32  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuVkappa3aBACKFv

<400> 49  
 ggagactgcg tcaacacaat ttccgatccg cc 32  
 <210> 50  
 <211> 32  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuVkappa4aBACKFv  
 <400> 50  
 ggagactggg tcatcacgat gtccgatccg cc 32  
 <210> 51  
 <211> 32  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuVkappa5aBACKFv  
 <400> 51  
 ggagactgcg tgagtgtcgt ttccgatccg cc 32  
 <210> 52  
 <211> 32  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuVkappa6aBACKFv  
 <400> 52  
 ggagactgag tcagcacaat ttccgatccg cc 32  
 <210> 53  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuVlambdaBACK1Fv  
 <400> 53  
 ggcggctgcg tcaacacaga ctgcatccg ccaccgccag ag 42  
 <210> 54  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuVlambdaBACK2Fv  
 <400> 54  
 gcaggctgag tcagagcaga ctgcatccg ccaccgccag ag 42  
 <210> 55  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuVlambdaBACK3aFv

<400> 55  
 ggtggctgag tcagcacata ggacgatccg ccaccgccag ag 42  
 <210> 56  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuVlambdaBACK3bFv  
 <400> 56  
 gggctcctgag tcagctcaga agacgatccg ccaccgccag ag 42  
 <210> 57  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuVlambdaBACK4Fv  
 <400> 57  
 ggcgggtgag tcagtataac gtgcgatccg ccaccgccag ag 42  
 <210> 58  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuVlambdaBACK5Fv  
 <400> 58  
 gacggctgag tcagcacaga ctgcgatccg ccaccgccag ag 42  
 <210> 59  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: RHuVlambdaBACK6Fv  
 <400> 59  
 tggggctgag tcagcataaa attcgatccg ccaccgccag ag 42  
 <210> 60  
 <211> 56  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVH1aBACKSfi  
 <400> 60  
 gtcctcgcaa ctgcggccca gccggccatg gccagggtgc agctgggtgca gtctgg 56  
 <210> 61  
 <211> 56  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVH2aBACKSfi

<400> 61  
 gtcctcgcaa ctgcggccca gccggccatg gccaggtca acttaaggga gtctgg 56  
 <210> 62  
 <211> 56  
 <212> DNA  
 <213> Artificial sequence  
 <220>  
 <223> Primer:HuVH3aBACKSfi

<400> 62  
 gtcctcgcaa ctgcggccca gccggccatg gccaggtgc agctggtgga gtctgg 56  
 <210> 63  
 <211> 56  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVH4aBACKSfi

<400> 63  
 gtcctcgcaa ctgcggccca gccggccatg gccaggtgc agctgcagga gtcggg 56  
 <210> 64  
 <211> 56  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuVH5aBACKSfi

<400> 64  
 gtcctcgcaa ctgcggccca gccggccatg gccaggtgc agctgttgca gtctgc 56  
 <210> 65  
 <211> 56  
 <212> DNA  
 <213> Artificial sequence  
 <220>  
 <223> Primer: HuVH6aBACKSfi

<400> 65  
 gtcctcgcaa ctgcggccca gccggccatg gccaggtac agctgcagca gtcagg 56  
 <210> 66  
 <211> 48  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJKappa1FORNot

<400> 66  
 ggtcattct cgacttgagg ccgcacgttt gatttccacc ttggtccc 48  
 <210> 67  
 <211> 48  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJKappa2FORNot



<400> 67  
 gagtcattct cgacttgcg cgcacgttt gatctccagc ttggtccc 48  
 <210> 68  
 <211> 48  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJKappa3FORNot  
 <400> 68  
 gagtcattct cgacttgcg cgcacgttt gatatccact ttggtccc 48  
 <210> 69  
 <211> 48  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJKappa4FORNot  
 <400> 69  
 gagtcattct cgacttgcg cgcacgttt gatctccacc ttggtccc 48  
 <210> 70  
 <211> 48  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJKappa5FORNot  
 <400> 70  
 gagtcattct cgacttgcg cgcacgttt aatctccagt cgtgtccc 48  
 <210> 71  
 <211> 48  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJlambdalFORNot  
 <400> 71  
 gagtcattct cgacttgcg cgcacctag gacggtgacc ttggtccc 48  
 <210> 72  
 <211> 48  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJlambda2-3FORNot  
 <400> 72  
 gagtcattct cgacttgcg cgcacctag gacggtcagc ttggtccc 48  
 <210> 73  
 <211> 48  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Primer: HuJlambda4-5FORNot

<400> 73  
gagtcattct cgacttgccg ccgcacctaa aacgggtgagc tgggtccc 48

<210> 74  
<211> 43  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide: HAREv2

<400> 74  
tcgacggcgc tattcgcata atccggcaca tcatacggat att 43

<210> 75  
<211> 58  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide: V5for

<400> 75  
ctagaaggta agcctatccc taaccctctc ctcgggtctcg attctacgaa tagcgccg 58

<210> 76  
<211> 58  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide: V5rev

<400> 76  
tcgacggcgc tattcgtaga atcgagaccg aggagagggt tagggatagg cttacctt 58

<210> 77  
<211> 58  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide: StagFor

<400> 77  
ctagaaaaag aaaccgctgc tgctaaattc gaacgccagc acatggacag cagcgccg 58

<210> 78  
<211> 58  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide: StagRev

<400> 78  
tcgacggcgc tgctgtccat gtgctggcgt tcgaatttag cagcagcggt ttcttttt 58

<210> 79

<211> 49  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Oligonucleotide: HSVtagFor

<400> 79  
 ctagaacagc cggaactggc gccggaagat ccggaagata atagcgccg

49

<210> 80  
 <211> 49  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Oligonucleotide: HSVtagRev

<400> 80  
 tcgacggcgc tattatcttc cggatcttcc ggcgccagtt ccggctgtt

49

<210> 81  
 <211> 49  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Oligonucleotide: T7tagFor

<400> 81  
 ctagaaatgg ctagcatgac tggtaggacag caaatgggta atagcgccg

49

<210> 82  
 <211> 49  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Oligonucleotide: T7tagRev

<400> 82  
 tcgacggcgc tattacccat ttgctgtcca ccagtcatgc tagccattt

49

<210> 83  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Oligonucleotide: GluGluFor

<400> 83  
 ctagaagaag aggaggaata tatgccgatg gaaaatagcg ccg

43

<210> 84  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Oligonucleotide: GluGluRev

<400> 84  
 tcgacggcgc tattttccat cggcatatat tcctcctctt ctt

43

<210> 85  
 <211> 49  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Oligonucleotide: KT3For  
  
 <400> 85  
 ctagaaaaac cgccgacccc gccgccggaa ccggaaacca atagcgccg 49  
  
 <210> 86  
 <211> 49  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Oligonucleotide: KT3Rev  
  
 <400> 86  
 tcgacggcgc tattggtttc cggttccggc ggcgggggtcg gcggttttt 49  
  
 <210> 87  
 <211> 55  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Oligonucleotide: EtagFor  
  
 <400> 87  
 ctagaagggtg cgccggtgcc gtatccggat ccgctggaac cgcgtaatag cgccg 55  
  
 <210> 88  
 <211> 55  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Oligonucleotide: EtagRev  
  
 <400> 88  
 tcgacggcgc tattacgcgg ttccagcggg tccggatacg gcaccggcgc acctt 55  
  
 <210> 89  
 <211> 49  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Oligonucleotide: VSVGfor  
  
 <400> 89  
 ctagaatata ccgacatcga aatgaaccgt ctgggtaaaa atagcgccg 49  
  
 <210> 90  
 <211> 49  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Oligonucleotide: VSVGrev  
  
 <400> 90  
 tcgacggcgc tattttttacc cagacggttc atttcgatgt cggtgtatt 49

<210> 91  
 <211> 10  
 <212> PRT  
 <213> Epitope:myc

<400> 91  
 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu  
     1                    5                    10

<210> 92  
 <211> 9  
 <212> PRT  
 <213> Epitope:HA

<400> 92  
 Tyr Pro Tyr Asp Val Pro Asp Tyr Ala  
     1                    5

<210> 93  
 <211> 8  
 <212> PRT  
 <213> Epitope:FLAG

<400> 93  
 Asp Tyr Lys Asp Asp Asp Asp Lys  
     1                    5

<210> 94  
 <211> 9  
 <212> PRT  
 <213> Epitope:GluGlu

<400> 94  
 Glu Glu Glu Glu Tyr Met Pro Met Glu  
     1                    5

<210> 95  
 <211> 14  
 <212> PRT  
 <213> Epitope:V5

<400> 95  
 Gly Lys Pro Ile Pro Asn Pro Leu Leu Gly Leu Asp Ser Thr  
     1                    5                    10

<210> 96  
 <211> 11  
 <212> PRT  
 <213> Epitope:T7

<400> 96  
 Met Ala Ser Met Thr Gly Gly Gln Gln Met Gly  
     1                    5                    10

<210> 97  
 <211> 11  
 <212> PRT  
 <213> Epitope:HSV

<400> 97  
 Gln Pro Glu Leu Ala Pro Glu Asp Pro Glu Asp  
     1                    5                    10

<210> 98

<211> 15  
 <212> PRT  
 <213> Epitope:S-tag  
  
 <400> 98  
 Lys Glu Thr Ala Ala Lys Phe Glu Arg Gln His Met Asp Ser  
 1 5 10 15  
 1 5  
  
 <210> 99  
 <211> 11  
 <212> PRT  
 <213> Epitope:KT3  
  
 <400> 99  
 Lys Pro Pro Thr Pro Pro Pro Glu Pro Glu Thr  
 1 5 10  
  
 <210> 100  
 <211> 13  
 <212> PRT  
 <213> Epitope:E-tag  
  
 <400> 100  
 Gly Ala Pro Val Pro Tyr Pro Asp Pro Leu Glu Pro Arg  
 1 5 10  
  
 <210> 101  
 <211> 11  
 <212> PRT  
 <213> Epitope:VSV-g  
  
 <400> 101  
 Tyr Thr Asp Ile Glu Met Asn Arg Leu Gly Lys  
 1 5 10  
  
 <210> 102  
 <211> 10  
 <212> PRT  
 <213> consensus sequence to for SH3 binding domains  
  
 <220>  
 <221> Xaa is any amino acid residue  
 <222> 1, 3, 4, 9  
  
 <400> 102  
 Xaa Pro Xaa Xaa Pro Pro Pro Phe Xaa Pro  
 1 5 10  
  
 <210> 103  
 <211> 38  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MK1  
  
 <400> 103  
 ggcgggtggcg gatcggacat tgttctcacc cagtctcc  
  
 <210> 104  
 <211> 38  
 <212> DNA  
 <213> Artificial Sequence

38

<220>  
<223> Primer MK2

<400> 104  
ggcgggtggcg gatcggacat tgtgctsacc cagtctcc 38

<210> 105  
<211> 38  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer MK3

<400> 105  
ggcgggtggcg gatcggacat tgtgatgact cagtctcc 38

<210> 106  
<211> 38  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer MK4

<400> 106  
ggcgggtggcg gatcggacat tgtgctmact cagtctcc 38

<210> 107  
<211> 38  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer MK5

<400> 107  
ggcgggtggcg gatcggacat tgtgytraca cagtctcc 38

<210> 108  
<211> 38  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer MK6

<400> 108  
ggcgggtggcg gatcggacat tgtratgaca cagtctcc 38

<210> 109  
<211> 38  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer MK7

<400> 109  
ggcgggtggcg gatcggacat tmagatracc cagtctcc 38

<210> 110  
<211> 38  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Primer MK8  
  
<400> 110  
ggcgggtggcg gatcgggacat tcagatgamc cagtctcc 38  
  
<210> 111  
<211> 38  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Primer MK9  
  
<400> 111  
ggcgggtggcg gatcgggacat tcagatgacd cagtctcc 38  
  
<210> 112  
<211> 38  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Primer MK10  
  
<400> 112  
ggcgggtggcg gatcgggacat tcagatgaca cagactac 38  
  
<210> 113  
<211> 38  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Primer MK11  
  
<400> 113  
ggcgggtggcg gatcgggacat tcagatcatt cagtctcc 38  
  
<210> 114  
<211> 38  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Primer MK12  
  
<400> 114  
ggcgggtggcg gatcgggacat tgttctcawc cagtctcc 38  
  
<210> 115  
<211> 38  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Primer MK13  
  
<400> 115  
ggcgggtggcg gatcgggacat tgttctctcc cagtctcc 38  
  
<210> 116  
<211> 38  
<212> DNA  
<213> Artificial Sequence



<220>  
 <223> Primer MK14  
  
 <400> 116  
 ggcggtggcg gatcggacat tgggtsacc caatctcc 38  
  
 <210> 117  
 <211> 37  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MK15  
  
 <400> 117  
 ggcggtggcg gatcggacat tstgatgacc cartctc 37  
  
 <210> 118  
 <211> 38  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MK16  
  
 <400> 118  
 ggcggtggcg gatcggacat tktgatgacc caractcc 38  
  
 <210> 119  
 <211> 38  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MK17  
  
 <400> 119  
 ggcggtggcg gatcggacat tgtgatgact caggctac 38  
  
 <210> 120  
 <211> 38  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MK18  
  
 <400> 120  
 ggcggtggcg gatcggacat tgtgatgacb caggctgc 38  
  
 <210> 121  
 <211> 37  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MK19  
  
 <400> 121  
 ggcggtggcg gatcggacat tgtgataacy caggatg 37  
  
 <210> 122  
 <211> 38  
 <212> DNA  
 <213> Artificial Sequence

<220>  
<223> Primer MK20  
  
<400> 122  
ggcgggtggcg gatcggacat tgtgatgacc cagtttcg 38  
  
<210> 123  
<211> 38  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Primer MK21  
  
<400> 123  
ggcgggtggcg gatcggacat tgtgatgaca caacctgc 38  
  
<210> 124  
<211> 38  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Primer MK22  
  
<400> 124  
ggcgggtggcg gatcggacat tgtgatgacc cagattcc 38  
  
<210> 125  
<211> 38  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Primer MK23  
  
<400> 125  
ggcgggtggcg gatcggacat ttgctgact cagtctcc 38  
  
<210> 126  
<211> 38  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Primer MK24  
  
<400> 126  
ggcgggtggcg gatcggacat tgtaatgacc caatctcc 38  
  
<210> 127  
<211> 38  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Primer MK25  
  
<400> 127  
ggcgggtggcg gatcggacat tgtgatgacc cacactcc 38  
  
<210> 128  
<211> 38  
<212> DNA  
<213> Artificial Sequence

<220>  
 <223> Primer MKR1  
  
 <400> 128  
 gatggtgatg tgcggccgcc cgtttcagct ccagcttg 38  
  
 <210> 129  
 <211> 40  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MKR2  
  
 <400> 129  
 gatggtgatg tgcggccgcc cgttttattt ccagcttggt 40  
  
 <210> 130  
 <211> 39  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MKR3  
  
 <400> 130  
 gatggtgatg tgcggccgcc cgttttattt ccaactttg 39  
  
 <210> 131  
 <211> 40  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MKR4  
  
 <400> 131  
 gatggtgatg tgcggccgcc gatacagttg gtgcagcatc 40  
  
 <210> 132  
 <211> 45  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH1  
  
 <400> 132  
 cggcccagcc ggccatggcc gaggtttagc ttcaggagtc aggac 45  
  
 <210> 133  
 <211> 45  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH2  
  
 <400> 133  
 cggcccagcc ggccatggcc gaggtscagc tkcagcagtc aggac 45  
  
 <210> 134  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer MH3  
  
 <400> 134  
 cggcccagcc ggccatggcc caggtgcagc tgaagsastc agg 43  
  
 <210> 135  
 <211> 45  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH4  
  
 <400> 135  
 cggcccagcc ggccatggcc gaggtgcagc ttcaggagtc sggac 45  
  
 <210> 136  
 <211> 45  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH5  
  
 <400> 136  
 cggcccagcc ggccatggcc gargtccagc tgcaacagtc yggac 45  
  
 <210> 137  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH6  
  
 <400> 137  
 cggcccagcc ggccatggcc caggtccagc tkcagcaatc tgg 43  
  
 <210> 138  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH7  
  
 <400> 138  
 cggcccagcc ggccatggcc cagstbcagc tgcagcagtc tgg 43  
  
 <210> 139  
 <211> 45  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH8  
  
 <400> 139  
 cggcccagcc ggccatggcc caggtycagc tgcagcagtc tggrc 45  
  
 <210> 140  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer MH9  
  
 <400> 140  
 cggcccagcc ggccatggcc gaggtycagc tycagcagtc tgg 43  
  
 <210> 141  
 <211> 46  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH10  
  
 <400> 141  
 cggcccagcc ggccatggcc gaggtccarc tgcaacaatc tggacc 46  
  
 <210> 142  
 <211> 44  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH11  
  
 <400> 142  
 cggcccagcc ggccatggcc caggtccacg tgaagcagtc tggg 44  
  
 <210> 143  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH12  
  
 <400> 143  
 cggcccagcc ggccatggcc gaggtgaass tgggtgaatc tg 42  
  
 <210> 144  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH13  
  
 <400> 144  
 cggcccagcc ggccatggcc gavgtgaagy tgggtggagtc tg 42  
  
 <210> 145  
 <211> 45  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH14  
  
 <400> 145  
 cggcccagcc ggccatggcc gaggtgcags kggtggagtc tgggg 45  
  
 <210> 146  
 <211> 44  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer MH15  
  
 <400> 146  
 cgccccagcc ggccatggcc gakgtgcamc tgggtgcagtc tggg 44  
  
 <210> 147  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH16  
  
 <400> 147  
 cgccccagcc ggccatggcc gaggtgaagc tgatggartc tgg 43  
  
 <210> 148  
 <211> 45  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH17  
  
 <400> 148  
 cgccccagcc ggccatggcc gaggtgcarc ttgttgagtc tggtg 45  
  
 <210> 149  
 <211> 44  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH18  
  
 <400> 149  
 cgccccagcc ggccatggcc gargtraagc ttctcgagtc tgga 44  
  
 <210> 150  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH19  
  
 <400> 150  
 cgccccagcc ggccatggcc gaagtgaars ttgaggagtc tgg 43  
  
 <210> 151  
 <211> 44  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH20  
  
 <400> 151  
 cgccccagcc ggccatggcc gaagtgatgc tgggtggagtc tggg 44  
  
 <210> 152  
 <211> 45  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer MH21  
  
 <400> 152  
 cggcccagcc ggccatggcc caggttactc traaagwgts tggcc 45  
  
 <210> 153  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH22  
  
 <400> 153  
 cggcccagcc ggccatggcc caggtccaac tvcagcarcc tgg 43  
  
 <210> 154  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH23  
  
 <400> 154  
 cggcccagcc ggccatggcc caggtycarc tgcagcagtc tg 42  
  
 <210> 155  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH24  
  
 <400> 155  
 cggcccagcc ggccatggcc gatgtgaact tggaagtgtc tgg 43  
  
 <210> 156  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MH25  
  
 <400> 156  
 cggcccagcc ggccatggcc gaggtgaagg tcatcgagtc tgg 43  
  
 <210> 157  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MHR1  
  
 <400> 157  
 accgcctcca cctggcgcgcc ctgcagagac agtgaccaga gt 42  
  
 <210> 158  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Primer MHR2  
  
 <400> 158  
 accgcctcca cctggcgcgc ctgaggagac tgtgagagtg gt 42  
  
 <210> 159  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MHR3  
  
 <400> 159  
 accgcctcca cctggcgcgc ctgaggagac ggtgactgag gt 42  
  
 <210> 160  
 <211> 42  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Primer MHR4  
  
 <400> 160  
 accgcctcca cctggcgcgc ctgaggagac ggtgaccgtg gt 42  
  
 <210> 161  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Epitope Ab2  
  
 <400> 161  
 Leu Thr Pro Pro Met Gly Pro Val Ile Asp Gln Arg  
 1 5 10  
  
 <210> 162  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <223> Epitope Ab4  
  
 <400> 162  
 Gln Pro Gln Ser Lys Gly Phe Glu Pro Pro Pro Pro  
 1 5 10  
  
 <210> 163  
 <211> 4145  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Vector pBAD/gIII Form A  
  
 <400> 163  
 aagaaccaa ttgtccatat tgcacagac attgccgtca ctgcgtcttt tactggctct 60  
 tctcgctaac caaacggta acccgccta ttaaaagcat tctgtaacaa agcgggacca 120



aagccatgac	aaaaacgcgt	aacaaaagt	tctataatca	cggcagaaaa	gtccacattg	180
attatttgca	cggcgtcaca	ctttgctatg	ccatagcatt	tttatccata	agattagcgg	240
atcctacctg	acgcttttta	tcgcaactct	ctactgtttc	tccatacccg	ttttttgggc	300
taacaggagg	aattaaccat	gaaaaaactg	ctgttcgcga	ttccgctggt	ggtgccgttc	360
tatagccata	gcaccatgga	gctcagagtc	tgcagctggt	accatatggg	aattcgaagc	420
tttctagaac	aaaaactcat	ctcagaagag	gatctgaata	gcgccgtcga	ccatcatcat	480
catcatcatt	gagtttaaac	ggtctccagc	ttggctgttt	tggcggatga	gagaagattt	540
tcagcctgat	acagattaaa	tcagaacgca	gaagcggctc	gataaaacag	aatttgccctg	600
gcggcagtag	cgcggtgggtc	ccacctgacc	ccatgccgaa	ctcagaagt	aaacgccgta	660
gcgccgatgg	tagtggtggg	tctccccatg	cgagagtagg	gaactgccag	gcatcaaata	720
aaacgaaagg	ctcagtcgaa	agactgggccc	tttcgtttta	tctgttggtt	gtcgggtgaac	780
gctctcctga	gtaggacaaa	tccgcccggga	gcggatttga	acgttgcgaa	gcaacggccc	840
ggagggtggc	gggcaggacg	cccgcataa	actgccaggc	atcaaattaa	gcagaaggcc	900
atcctgacgg	atggcctttt	tgcgtttcta	caaactcttt	ttgtttattt	ttctaaatac	960
attcaaatat	gtatccgctc	atgagacaat	aaccctgata	aatgcttcaa	taatattgaa	1020
aaaggaagag	tatgagtatt	caacatttcc	gtgtcgccct	tattcccttt	tttgcggcat	1080
tttgcccttc	tgtttttgct	caccagaaa	cgtgttgtaa	agtaaaagat	gctgaagatc	1140
agttgggtgc	acgagtgggt	tacatcgaac	tggatctcaa	cagcggtaag	atccttgaga	1200
gttttcgccc	cgaagaacgt	tttccaatga	tgagcacttt	taaagtctctg	ctatgtggcg	1260
cggattatc	ccgtgttgac	gccgggcaag	agcaactcgg	tcgccgata	cactatttctc	1320
agaatgactt	ggttgagtac	tcaccagtca	tcctacggat	tcttacggat	ggcgaagcac	1380
taagagaatt	atgcagtgtc	gccataacca	tgagtataaa	cactgcggcc	aacttacttc	1440
tgacaacgat	cggaggaccg	aaggagctaa	ccgctttttt	gcacaacatg	ggggatcatg	1500
taactcgcct	tgatcggttg	gaaccggagc	tgaatgaagc	cataccaaac	gacgagcgtg	1560
acaccacgat	gctgtgagca	atggcaacaa	cgttgcgcaa	actattaact	ggcgaactac	1620
ttactctagc	ttcccggcaa	caattaatag	actggatgga	ggcggataaa	gttgaggagc	1680
cacttctgcg	ctcgccctt	ccggctggct	ggtttattgc	tgataaatct	ggagccggtg	1740
agcgtgggtc	tcgcggtatc	attgcagcac	tggggccaga	tggttaagccc	tcccgtatcg	1800
tagttatcta	cacgacgggg	agtcaggcaa	ctatggatga	acgaaataga	cagatcgctg	1860
agataggtgc	ctcactgatt	aagcattggt	aactgtcaga	ccaagttagc	tcataatac	1920
tttagattga	tttaaaactt	catttttaat	ttaaaaggat	ctaggtgaag	atcctttttg	1980
ataatctcat	gaccaaatac	ccttaacgtg	agttttcggt	ccactgagcg	tcagaccccg	2040
tagaaaagat	caaaggatct	tcttgagatc	ctttttttct	gcgcgtaatc	tgctgcttgc	2100
aaacaaaaaa	accaccgcta	ccagcgggtg	tttgtttgcc	ggatcaagag	ctaccaactc	2160
tttttcgaa	ggtaactggc	tcagcagtag	cgcagatacc	aaatactgtc	cttctagtgc	2220
agccgtagtt	aggccaccac	ttcaagaact	ctgtagcacc	gcctacatac	ctcgctctgc	2280
taatcctgtt	accagtggct	gctgccagtg	gcgataagtc	gtgtcttacc	gggttggaact	2340
caagacgata	gttaccggat	aaggcgcagc	ggtcgggctg	aacggggggt	tcgtgcacac	2400
agcccagctt	ggagcgaacg	acctacaccg	aactgagata	cctacagcgt	gagctatgag	2460
aaagcggcac	gcttcccga	gggagaaaag	cggacaggtg	tccggttaagc	ggcagggctg	2520
gaacaggaga	gcgcacgagg	gagcttccag	ggggaacgc	ctggtatctt	tatagtcctg	2580
tcgggtttcg	ccacctctga	cttgagcgtc	gatttttgtg	atgctcgtea	ggggggcgga	2640
gcctatggaa	aaacgccagc	aacgcggcct	ttttacgggt	cctggccttt	tgctggcctt	2700
ttgtctcacat	gtttcttctt	gcgttatccc	ctgattctgt	ggataaccgt	attaccgcct	2760
ttgagtga	tgataccgct	cgccgcagcc	gaacgaccga	gcgcagcgag	tcagtgcgct	2820
aggaagcggg	agagcgctctg	atgcggtatt	ttctccttac	gcactctgtc	ggtatttcac	2880
accgcatatg	gtgcactctc	agtacaatct	gctctgatgc	cgcatagtta	agccagtata	2940
cactccgcta	tcgctacgtg	actgggtcat	ggctgcgccc	cgacacccgc	caacacccgc	3000
tgacgcgccc	tgacgggctt	gtctgctccc	ggcatccgct	tacagacaag	ctgtgaccgt	3060
ctccgggagc	tgcatgtgtc	agaggttttc	accgtcatca	ccgaaacgcg	cgaggcagca	3120
gatcaattcg	cgcgcgaagg	cgaagcggca	tgcataatgt	gcctgtcaaa	tggacgaagc	3180
agggattctg	caaaccctat	gctactccgt	caagccgtca	attgtctgat	tcggtaccaaa	3240
ttatgacaac	ttgacggcta	catcattcac	ttttcttca	caaccggcac	ggaactcgct	3300
cgggctggcc	ccggtgcatt	ttttaaatac	ccgcgagaaa	tagagttgat	cgtcaaaacc	3360
aacattgcga	ccgacgggtg	cgataggcat	ccgggtgggtg	ctcaaaagca	gcttcgcctg	3420
gctgatacgt	tggtcctcgc	gccagcttaa	gacgctaata	cctaactgct	ggcggaaaag	3480
atgtgacaga	cgcgacggcg	acaagcaaac	atgctgtgcg	acgctggcga	tatcaaaatt	3540
gctgtctgcc	aggtgtactg	tgatgtactg	acaagcctcg	cgtaccgat	tatccatcgg	3600
tggatggagc	gactcggtta	tcgcttccat	gcgcgcagct	aacaattgct	caagcagatt	3660
tatcgccagc	agctccgaat	agcgccttc	cccttgccc	gcgttaatga	tttgcccaa	3720
caggtcgctg	aaatgcggct	ggtgcgcttc	atccgggcga	agaaccccg	tattggcaaa	3780
tattgacggc	cagttaaagc	attcatgcca	gtaggcgcgc	ggacgaaagt	aaacccactg	3840
gtgataccat	tcgcgagcct	ccggatgacg	accgtagtga	tgaatctctc	ctggcgggaa	3900
cagcaaaata	tcaccgggtc	ggcaaaacaa	ttctcgctcc	tgatttttca	ccacccctg	3960
accgcgaatg	gtgagattga	gaatataacc	tttcattccc	agcggctcgt	cgataaaaaa	4020

atcgagataa ccgttggcct caatcggcgt taaacccgcc accagatggg cattaaacga 4080  
 gtatcccggc agcaggggat cattttgcgc ttcagccata cttttcatac tcccgccatt 4140  
 cagag 4145

<210> 164  
 <211> 36  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> LinkF Primer

<400> 164  
 caggcgcgcc aggtggaggc gggtcaggcg gaggtg 36

<210> 165  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> LinkR Primer

<400> 165  
 aatgtccgat ccgccaccgc c 21

<210> 166  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> SfiFor Primer

<400> 166  
 tctcttccac cggcccagcc ggccatggcc 30

<210> 167  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> NotRev. Primer

<400> 167  
 tcacactaca cgatgggtgat gtgcggccgc 30

<210> 168  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence

<220>  
 <223> Ab2For Primer

<400> 168  
 ctagaattga ctctctctat gggctctgtt attgatcagc ggc 43

<210> 169  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence

<220>

<223> Ab2Rev Primer

<400> 169

tcgagccgct gatcaataac aggacccata ggaggagtca att

43

<210> 170

<211> 43

<212> DNA

<213> Artificial Sequence

<220>

<223> Ab4For Primer

<400> 170

ctagaatata atatggaatc gtatctgtgg tatttggcgc cgc

43

<210> 171

<211> 43

<212> DNA

<213> Artificial Sequence

<220>

<223> Ab4Rev Primer

<400> 171

tcgagcggcg ccaaatacca cagatacgat tccatattat att

43

<210> 172

<211> 43

<212> DNA

<213> Artificial Sequence

<220>

<223> B34For Primer

<400> 172

ctagaagatc ttcgatgatga gcgtactctt cagtttaagc ttc

43

<210> 173

<211> 43

<212> DNA

<213> Artificial Sequence

<220>

<223> B34Rev Primer

<400> 173

tcgagaagct taaactgaag agtacgctca tcatgaagat ctt

43

<210> 174

<211> 43

<212> DNA

<213> Artificial Sequence

<220>

<223> P5D4aFor Primer

<400> 174

ctagaacatc cgaatttgcc tgagactcgt cgttatgcgc tgc

43

<210> 175

<211> 43

<212> DNA

<213> Artificial Sequence

<220>  
 <223> P5D4aRev Primer  
  
 <400> 175  
 tcgagcagcg cataacgacg agtctcaggc aaattcggat gtt 43  
  
 <210> 176  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> P5D4bFor Primer  
  
 <400> 176  
 ctagaatctt atactgggat tgagtttgat cgtttgatcga atc 43  
  
 <210> 177  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> P5D4bRev Primer  
  
 <400> 177  
 tcgagattcg acaaacgatc aaactcaatc ccagtataag att 43  
  
 <210> 178  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> 4C10For Primer  
  
 <400> 178  
 ctagaaatgg tggatcctga ggcgcaggat gtgccgaagt ggc 43  
  
 <210> 179  
 <211> 43  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> 4C10Rev Primer  
  
 <400> 179  
 tcgagccact tcggcacatc ctgcgcctca ggatccacca ttt 43  
  
 <210> 180  
 <211> 12  
 <212> PRT  
 <213> B34 EpArtificial Sequence  
  
 <220>  
 <223> B34 Epitope  
  
 <400> 180  
 Asp Leu His Asp Glu Arg Thr Leu Gln Phe Lys Leu  
 1 5 10  
  
 <210> 181  
 <211> 12

<212> PRT  
 <213> Artificial Sequence

<220>  
 <223> VSV-1 Epitope

<400> 181  
 His Pro Asn Leu Pro Glu Thr Arg Arg Tyr Ala Leu  
 1 5 10

<210> 182  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> VSV-2 Epitope

<400> 182  
 Ser Tyr Thr Gly Ile Glu Phe Asp Arg Leu Ser Asn  
 1 5 10

<210> 183  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> 4C10 Epitope

<400> 183  
 Met Val Asp Pro Glu Ala Gln Asp Val Pro Lys Trp  
 1 5 10

<210> 184  
 <211> 6  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> synthetic peptide

<400> 184  
 Pro Glu Gly Tyr Phe Gln  
 1 5

<210> 185  
 <211> 6  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> synthetic peptide

<400> 185  
 Pro Glu Ser Gly Phe Gln  
 1 5

<210> 186  
 <211> 6  
 <212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 186

Pro Gly Tyr Glu Phe Gln  
1 5

<210> 187

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 187

Pro Ser Gly Glu Phe Gln  
1 5

<210> 188

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 188

Pro Gly Glu Phe Tyr Gln  
1 5

<210> 189

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 189

Pro Ser Glu Phe Gly Gln  
1 5

<210> 190

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 190

Pro Glu Lys Gly Tyr Asp  
1 5

<210> 191

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 191

Pro Glu Lys Ser Gly Asp  
1 5

<210> 192

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 192

Pro Glu Gly Tyr Lys Asp  
1 5

<210> 193

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 193

Pro Glu Ser Gly Lys Asp  
1 5

<210> 194

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 194

Pro Gly Tyr Glu Lys Asp  
1 5

<210> 195

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 195

Pro Ser Gly Glu Lys Asp  
1 5

<210> 196

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 196

Pro Gly Glu Lys Tyr Asp  
1 5

<210> 197

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide.

<400> 197

Pro Ser Glu Lys Gly Asp  
1 5

<210> 198

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 198

Pro Gln Thr Gly Tyr Glu  
1 5

<210> 199

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 199

Pro Gln Thr Ser Gly Glu  
1 5

<210> 200

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 200

Pro Gln Gly Tyr Thr Glu  
1 5

<210> 201

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 201

Pro Gln Ser Gly Thr Glu  
1 5

<210> 202

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 202

Pro Gly Tyr Gln Thr Glu  
1 5

<210> 203

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 203

Pro Ser Gly Gln Thr Glu  
1 5

<210> 204

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 204

Pro Gly Gln Thr Tyr Glu  
1 5

<210> 205

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 205

Pro Ser Gln Thr Gly Glu  
1 5

<210> 206

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 206

Pro Asn Glu Gly Tyr Phe  
1 5

<210> 207

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 207

Pro Asn Glu Ser Gly Phe  
1 5

<210> 208

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 208

Pro Asn Gly Tyr Glu Phe  
1 5

<210> 209

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 209

Pro Asn Ser Gly Glu Phe  
1 5

<210> 210

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 210

Pro Gly Tyr Asn Glu Phe  
1 5

<210> 211

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 211

Pro Ser Gly Asn Glu Phe  
1 5

<210> 212

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 212

Pro Gly Asn Glu Tyr Phe  
1 5

<210> 213

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 213

Pro Ser Asn Glu Gly Phe  
1 5

<210> 214

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 214

Pro Phe Glu Gly Tyr Gln  
1 5

<210> 215

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 215

Pro Phe Glu Ser Gly Gln  
1 5

<210> 216

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 216

Pro Phe Gly Tyr Glu Gln  
1 5

<210> 217

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 217

Pro Phe Ser Gly Glu Gln  
1 5

<210> 218

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 218

Pro Gly Tyr Phe Glu Gln  
1 5

<210> 219

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 219

Pro Ser Gly Phe Glu Gln  
1 5

<210> 220

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 220

Pro Gly Phe Glu Tyr Gln  
1 5

<210> 221

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 221

Pro Ser Phe Glu Gly Gln  
1 5

<210> 222

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 222

Pro Phe His Gly Tyr Leu  
1 5

<210> 223

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 223

Pro Phe His Ser Gly Leu  
1 5

<210> 224

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 224

Pro Phe Gly Tyr His Leu  
1 5

<210> 225

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 225

Pro Phe Ser Gly His Leu  
1 5

<210> 226

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 226

Pro Gly Tyr Phe His Leu  
1 5

<210> 227

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 227

Pro Ser Gly Phe His Leu  
1 5

<210> 228

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 228

Pro Gly Phe His Tyr Leu  
1 5

<210> 229

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 229

Pro Ser Phe His Gly Leu  
1 5

<210> 230

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 230

Pro His Glu Gly Tyr Lys  
1 5

<210> 231

<211> 6

<212> PRT

## &lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; synthetic peptide

&lt;400&gt; 231

Pro His Glu Ser Gly Lys

1

5

&lt;210&gt; 232

&lt;211&gt; 6

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; synthetic peptide

&lt;400&gt; 232

Pro His Gly Tyr Glu Lys

1

5

&lt;210&gt; 233

&lt;211&gt; 6

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; synthetic peptide

&lt;400&gt; 233

Pro His Ser Gly Glu Lys

1

5

&lt;210&gt; 234

&lt;211&gt; 6

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; synthetic peptide

&lt;400&gt; 234

Pro Gly Tyr His Glu Lys

1

5

&lt;210&gt; 235

&lt;211&gt; 6

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; synthetic peptide

&lt;400&gt; 235

Pro Ser Gly His Glu Lys

1

5

&lt;210&gt; 236

&lt;211&gt; 6

&lt;212&gt; PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 236

Pro Gly His Glu Tyr Lys  
1 5

<210> 237

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 237

Pro Ser His Glu Gly Lys  
1 5

<210> 238

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 238

Pro His Thr Gly Tyr Phe  
1 5

<210> 239

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 239

Pro His Thr Ser Gly Phe  
1 5

<210> 240

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 240

Pro His Gly Tyr Thr Phe  
1 5

<210> 241

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 241

Pro His Ser Gly Thr Phe  
1 5

<210> 242

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 242

Pro Gly Tyr His Thr Phe  
1 5

<210> 243

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 243

Pro Ser Gly His Thr Phe  
1 5

<210> 244

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 244

Pro Gly His Thr Tyr Phe  
1 5

<210> 245

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 245

Pro Ser His Thr Gly Phe  
1 5

<210> 246

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 246

Pro Thr Leu Gly Tyr Asp  
1 5

<210> 247

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 247

Pro Thr Leu Ser Gly Asp  
1 5

<210> 248

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 248

Pro Thr Gly Tyr Leu Asp  
1 5

<210> 249

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 249

Pro Thr Ser Gly Leu Asp  
1 5

<210> 250

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 250

Pro Gly Tyr Thr Leu Asp  
1 5

<210> 251

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 251

Pro Ser Gly Thr Leu Asp  
1 5

<210> 252

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 252

Pro Gly Thr Leu Tyr Asp  
1 5

<210> 253

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 253

Pro Ser Thr Leu Gly Asp  
1 5

<210> 254

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 254

Pro Lys His Gly Tyr Thr  
1 5

<210> 255

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 255

Pro Lys His Ser Gly Thr  
1 5

<210> 256

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 256

Pro Lys Gly Tyr His Thr  
1 5

<210> 257

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 257

Pro Lys Ser Gly His Thr  
1 5

<210> 258

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 258

Pro Gly Tyr Lys His Thr  
1 5

<210> 259

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 259

Pro Ser Gly Lys His Thr  
1 5

<210> 260

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 260

Pro Gly Lys His Tyr Thr  
1 5

<210> 261

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 261

Pro Ser Lys His Gly Thr  
1 5

<210> 262

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 262

Pro Leu Asp Gly Tyr Asn  
1 5

<210> 263

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 263

Pro Leu Asp Ser Gly Asn  
1 5

<210> 264

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 264

Pro Leu Gly Tyr Asp Asn  
1 5

<210> 265

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 265

Pro Leu Ser Gly Asp Asn  
1 5

<210> 266

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 266

Pro Gly Tyr Leu Asp Asn  
1 5

<210> 267

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 267

Pro Ser Gly Leu Asp Asn  
1 5

<210> 268

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 268

Pro Gly Leu Asp Tyr Asn  
1 5

<210> 269

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 269

Pro Ser Leu Asp Gly Asn  
1 5

<210> 270

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 270

Gln Glu Pro Gly Tyr Asp  
1 5

<210> 271

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 271

Gln Glu Pro Ser Gly Asp  
1 5

<210> 272

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 272

Gln Glu Gly Tyr Pro Asp  
1 5

<210> 273

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 273

Gln Glu Ser Gly Pro Asp  
1 5

<210> 274

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 274

Gln Gly Tyr Glu Pro Asp  
1 5

<210> 275

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 275

Gln Ser Gly Glu Pro Asp  
1 5

<210> 276

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 276

Gln Gly Glu Pro Tyr Asp  
1 5

<210> 277

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 277

Gln Ser Glu Pro Gly Asp  
1 5

<210> 278

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 278

Gln Glu Thr Gly Tyr Phe  
1 5

<210> 279

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 279

Gln Glu Thr Ser Gly Phe  
1 5

<210> 280

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 280

Gln Glu Gly Tyr Thr Phe  
1 5

<210> 281

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 281

Gln Glu Ser Gly Thr Phe  
1 5

<210> 282

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 282

Gln Gly Tyr Glu Thr Phe  
1 5

<210> 283

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 283

Gln Ser Gly Glu Thr Phe  
1 5

<210> 284

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 284

Gln Gly Glu Thr Tyr Phe  
1 5

<210> 285

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 285

Gln Ser Glu Thr Gly Phe  
1 5

<210> 286

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 286

Gln Pro Glu Gly Tyr His  
1 5

<210> 287

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 287

Gln Pro Glu Ser Gly His  
1 5

<210> 288

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 288

Gln Pro Gly Tyr Glu His  
1 5

<210> 289

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 289

Gln Pro Ser Gly Glu His  
1 5

<210> 290

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 290

Gln Gly Tyr Pro Glu His  
1 5

<210> 291

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 291

Gln Ser Gly Pro Glu His  
1 5

<210> 292

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 292

Gln Gly Pro Glu Tyr His  
1 5

<210> 293

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 293

Gln Ser Pro Glu Gly His  
1 5

<210> 294

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 294

Gln Asn His Gly Tyr Glu  
1 5

<210> 295

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 295

Gln Asn His Ser Gly Glu  
1 5

<210> 296

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 296

Gln Asn Gly Tyr His Glu  
1 5

<210> 297

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 297

Gln Asn Ser Gly His Glu  
1 5

<210> 298

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 298

Gln Gly Tyr Asn His Glu  
1 5

<210> 299

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 299

Gln Gly Tyr Asn His Glu  
1 5

<210> 300

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 300

Gln Gly Asn His Tyr Glu  
1 5

<210> 301

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 301

Gln Ser Asn His Gly Glu  
1 5

<210> 302

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 302

Gln Phe Glu Gly Tyr Lys  
1 5

<210> 303

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 303

Gln Phe Glu Ser Gly Lys  
1 5

<210> 304

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 304

Gln Phe Gly Tyr Glu Lys  
1 5

<210> 305

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 305

Gln Phe Ser Gly Glu Lys  
1 5

<210> 306

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 306

Gln Gly Tyr Phe Glu Lys  
1 5

<210> 307

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 307

Gln Ser Gly Phe Glu Lys  
1 5

<210> 308

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 308

Gln Gly Phe Glu Tyr Lys  
1 5

<210> 309

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 309

Gln Ser Phe Glu Gly Lys  
1 5

<210> 310

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 310

Gln Thr Phe Gly Tyr Asn  
1 5

<210> 311

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 311

Gln Thr Phe Ser Gly Asn  
1 5

<210> 312

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 312

Gln Thr Gly Tyr Phe Asn  
1 5

<210> 313

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 313

Gln Thr Ser Gly Phe Asn  
1 5

<210> 314

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 314

Gln Gly Tyr Thr Phe Asn  
1 5

<210> 315

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 315

Gln Ser Gly Thr Phe Asn  
1 5

<210> 316

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 316

Gln Gly Thr Phe Tyr Asn  
1 5

<210> 317

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 317

Gln Ser Thr Phe Gly Asn  
1 5

<210> 318

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 318

Gln Lys Glu Gly Tyr Phe  
1 5

<210> 319

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 319

Gln Lys Glu Ser Gly Phe  
1 5

<210> 320

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 320

Gln Lys Gly Tyr Glu Phe  
1 5

<210> 321

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 321

Gln Lys Ser Gly Glu Phe  
1 5

<210> 322

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 322

Gln Gly Tyr Lys Glu Phe  
1 5

<210> 323

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 323

Gln Ser Gly Lys Glu Phe  
1 5

<210> 324

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 324

Gln Gly Lys Glu Tyr Phe  
1 5

<210> 325

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 325

Gln Ser Lys Glu Gly Phe  
1 5

<210> 326

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 326

Gln Leu His Gly Tyr Thr  
1 5

<210> 327

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 327

Gln Leu His Ser Gly Thr  
1 5

<210> 328

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 328

Gln Leu Gly Tyr His Thr  
1 5

<210> 329

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 329

Gln Leu Ser Gly His Thr  
1 5

<210> 330

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 330

Gln Gly Tyr Leu His Thr  
1 5

<210> 331

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 331

Gln Ser Gly Leu His Thr  
1 5

<210> 332

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 332

Gln Gly Leu His Tyr Thr  
1 5

<210> 333

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 333

Gln Ser Leu His Gly Thr  
1 5

<210> 334

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 334

Gln Leu Asp Gly Tyr Glu  
1 5

<210> 335

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 335

Gln Leu Asp Ser Gly Glu  
1 5

<210> 336

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 336

Gln Leu Gly Tyr Asp Glu  
1 5

<210> 337

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 337

Gln Leu Ser Gly Asp Glu  
1 5

<210> 338

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 338

Gln Gly Tyr Leu Asp Glu  
1 5

<210> 339

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 339

Gln Ser Gly Leu Asp Glu  
1 5

<210> 340

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 340

Gln Gly Leu Asp Tyr Glu  
1 5

<210> 341

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 341

Gln Ser Leu Asp Gly Glu  
1 5

<210> 342

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 342

Asn Glu Pro Gly Tyr Leu  
1 5

<210> 343

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 343

Asn Glu Pro Ser Gly Leu  
1 5

<210> 344

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 344

Asn Glu Gly Tyr Pro Leu  
1 5

<210> 345

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 345

Asn Glu Ser Gly Pro Leu  
1 5

<210> 346

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 346

Asn Gly Tyr Glu Pro Leu  
1 5

<210> 347

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 347

Asn Ser Gly Glu Pro Leu  
1 5

<210> 348

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 348

Asn Gly Glu Pro Tyr Leu  
1 5

<210> 349

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 349

Asn Ser Glu Pro Gly Leu  
1 5

<210> 350

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 350

Asn Glu Phe Gly Tyr His  
1 5

<210> 351

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 351

Asn Glu Phe Ser Gly His  
1 5

<210> 352

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 352

Asn Glu Gly Tyr Phe His  
1 5

<210> 353

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 353

Asn Glu Ser Gly Phe His  
1 5

<210> 354

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 354

Asn Gly Tyr Glu Phe His  
1 5

<210> 355

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 355

Asn Ser Gly Glu Phe His  
1 5

<210> 356

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 356

Asn Gly Glu Phe Tyr His  
1 5

<210> 357

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 357

Asn Ser Glu Phe Gly His  
1 5

<210> 358

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 358

Asn Pro Glu Gly Tyr Phe  
1 5

<210> 359

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 359

Asn Pro Glu Ser Gly Phe  
1 5

<210> 360

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 360

Asn Pro Gly Tyr Glu Phe  
1 5

<210> 361

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 361

Asn Pro Ser Gly Glu Phe  
1 5

<210> 362

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 362

Asn Gly Tyr Pro Glu Phe  
1 5

<210> 363

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 363

Asn Ser Gly Pro Glu Phe  
1 5

<210> 364

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 364

Asn Gly Pro Glu Tyr Phe  
1 5

<210> 365

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 365

Asn Ser Pro Glu Gly Phe  
1 5

<210> 366

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 366

Asn Gln His Gly Tyr Asp  
1 5

<210> 367

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 367

Asn Gln His Ser Gly Asp  
1 5

<210> 368

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 368

Asn Gln Gly Tyr His Asp  
1 5

<210> 369

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 369

Asn Gln Ser Gly His Asp  
1 5

<210> 370

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 370

Asn Gly Tyr Gln His Asp  
1 5

<210> 371

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 371

Asn Ser Gly Gln His Asp  
1 5

<210> 372

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 372

Asn Gly Gln His Tyr Asp  
1 5

<210> 373

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 373

Asn Ser Gln His Gly Asp  
1 5

<210> 374

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 374

Asn Phe Glu Gly Tyr Pro  
1 5

<210> 375

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 375

Asn Phe Glu Ser Gly Pro  
1 5

<210> 376

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 376

Asn Phe Gly Tyr Glu Pro  
1 5

<210> 377

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 377

Asn Phe Ser Gly Glu Pro  
1 5

<210> 378

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 378

Asn Gly Tyr Phe Glu Pro  
1 5

<210> 379

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 379

Asn Ser Gly Phe Glu Pro  
1 5

<210> 380

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 380

Asn Gly Phe Glu Tyr Pro  
1 5

<210> 381

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 381

Asn Ser Phe Glu Gly Pro  
1 5

<210> 382

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 382

Asn Phe Lys Gly Tyr His  
1 5

<210> 383

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 383

Asn Phe Lys Ser Gly His  
1 5

<210> 384

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 384

Asn Phe Gly Tyr Lys His  
1 5

<210> 385

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 385

Asn Phe Ser Gly Lys His  
1 5

<210> 386

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 386

Asn Gly Tyr Phe Lys His  
1 5

<210> 387

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 387

Asn Ser Gly Phe Lys His  
1 5

<210> 388

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 388

Asn Gly Phe Lys Tyr His  
1 5

<210> 389

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 389

Asn Ser Phe Lys Gly His  
1 5

<210> 390

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 390

Asn His Pro Gly Tyr Thr  
1 5

<210> 391

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 391

Asn His Pro Ser Gly Thr  
1 5

<210> 392

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 392

Asn His Gly Tyr Pro Thr  
1 5

<210> 393

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 393

Asn His Ser Gly Pro Thr  
1 5

<210> 394

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 394

Asn Gly Tyr His Pro Thr  
1 5

<210> 395

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 395

Asn Ser Gly His Pro Thr  
1 5

<210> 396

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 396

Asn Gly His Pro Tyr Thr  
1 5

<210> 397

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 397

Asn Ser His Pro Gly Thr  
1 5

<210> 398

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 398

Asn His Thr Gly Tyr Asp  
1 5

<210> 399

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 399

Asn His Thr Ser Gly Asp  
1 5

<210> 400

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 400

Asn His Gly Tyr Thr Asp  
1 5

<210> 401

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 401

Asn His Ser Gly Thr Asp  
1 5

<210> 402

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 402

Asn Gly Tyr His Thr Asp  
1 5

<210> 403

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 403

Asn Ser Gly His Thr Asp  
1 5

<210> 404

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 404

Asn Gly His Thr Tyr Asp  
1 5

<210> 405

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 405

Asn Ser His Thr Gly Asp  
1 5

<210> 406

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 406

Asn Thr His Gly Tyr Lys  
1 5

<210> 407

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 407

Asn Thr His Ser Gly Lys  
1 5

<210> 408

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 408

Asn Thr Gly Tyr His Lys  
1 5

<210> 409

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 409

Asn Thr Ser Gly His Lys  
1 5

<210> 410

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 410

Asn Gly Tyr Thr His Lys  
1 5

<210> 411

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 411

Asn Ser Gly Thr His Lys  
1 5

<210> 412

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 412

Asn Gly Thr His Tyr Lys  
1 5

<210> 413

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 413

Asn Ser Thr His Gly Lys  
1 5

<210> 414

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 414

Asn Lys His Gly Tyr Leu  
1 5

<210> 415

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 415

Asn Lys His Ser Gly Leu  
1 5

<210> 416

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 416

Asn Lys Gly Tyr His Leu  
1 5

<210> 417

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 417

Asn Lys Ser Gly His Leu  
1 5

<210> 418

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 418

Asn Gly Tyr Lys His Leu  
1 5

<210> 419

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 419

Asn Ser Gly Lys His Leu  
1 5

<210> 420

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 420

Asn Gly Lys His Tyr Leu  
1 5

<210> 421

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 421

Asn Ser Lys His Gly Leu  
1 5

<210> 422

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 422

Asn Leu Phe Gly Tyr Asp  
1 5

<210> 423

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 423

Asn Leu Phe Ser Gly Asp  
1 5

<210> 424

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 424

Asn Leu Gly Tyr Phe Asp  
1 5

<210> 425

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 425

Asn Leu Ser Gly Phe Asp  
1 5

<210> 426

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 426

Asn Gly Tyr Leu Phe Asp  
1 5

<210> 427

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 427

Asn Ser Gly Leu Phe Asp  
1 5

<210> 428

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 428

Asn Gly Leu Phe Tyr Asp  
1 5

<210> 429

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 429

Asn Ser Leu Phe Gly Asp  
1 5

<210> 430

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 430

Asn Asp Leu Gly Tyr Phe  
1 5

<210> 431

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 431

Asn Asp Leu Ser Gly Phe  
1 5

<210> 432

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 432

Asn Asp Gly Tyr Leu Phe  
1 5

<210> 433

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 433

Asn Asp Ser Gly Leu Phe  
1 5

<210> 434

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 434

Asn Gly Tyr Asp Leu Phe  
1 5

<210> 435

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 435

Asn Ser Gly Asp Leu Phe  
1 5

<210> 436

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 436

Asn Gly Asp Leu Tyr Phe  
1 5

<210> 447

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 437

Asn Ser Asp Leu Gly Phe  
1 5

<210> 438

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 438

Phe Glu Gln Gly Tyr Pro  
1 5

<210> 439

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 439

Phe Glu Gln Ser Gly Pro  
1 5

<210> 440

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 440

Phe Glu Gly Tyr Gln Pro  
1 5

<210> 441

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 441

Phe Glu Ser Gly Gln Pro  
1 5

<210> 442

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 442

Phe Gly Tyr Glu Gln Pro  
1 5

<210> 443

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 443

Phe Ser Gly Glu Gln Pro  
1 5

<210> 444

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 444

Phe Gly Glu Gln Tyr Pro  
1 5

<210> 445

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 445

Phe Ser Glu Gln Gly Pro  
1 5

<210> 446

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 446

Phe Glu Lys Gly Tyr Thr  
1 5

<210> 447

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 447

Phe Glu Lys Ser Gly Thr  
1 5

<210> 448

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 448

Phe Glu Gly Tyr Lys Thr  
1 5

<210> 449

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 449

Phe Glu Ser Gly Lys Thr  
1 5

<210> 450

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 450

Phe Gly Tyr Glu Lys Thr  
1 5

<210> 451

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 451

Phe Ser Gly Glu Lys Thr  
1 5

<210> 452

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 452

Phe Gly Glu Lys Tyr Thr  
1 5

<210> 453

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 453

Phe Ser Glu Lys Gly Thr  
1 5

<210> 454

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 454

Phe Glu Asp Gly Tyr His  
1 5

<210> 455

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 455

Phe Glu Asp Ser Gly His  
1 5

<210> 456

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 456

Phe Glu Gly Tyr Asp His  
1 5

<210> 457

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 457

Phe Glu Ser Gly Asp His  
1 5

<210> 458

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 458

Phe Gly Tyr Glu Asp His  
1 5

<210> 459

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 459

Phe Ser Gly Glu Asp His  
1 5

<210> 460

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 460

Phe Gly Glu Asp Tyr His  
1 5

<210> 461

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 461

Phe Ser Glu Asp Gly His  
1 5

<210> 462

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 462

Phe Pro Asn Gly Tyr Glu  
1 5

<210> 463

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 463

Phe Pro Asn Ser Gly Glu  
1 5

<210> 464

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 464

Phe Pro Gly Tyr Asn Glu  
1 5

<210> 465

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 465

Phe Pro Ser Gly Asn Glu  
1 5

<210> 466

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 466

Phe Gly Tyr Pro Asn Glu  
1 5

<210> 467

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 467

Phe Ser Gly Pro Asn Glu  
1 5

<210> 468

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 468

Phe Gly Pro Asn Tyr Glu  
1 5

<210> 469

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 469

Phe Ser Pro Asn Gly Glu  
1 5

<210> 470

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 470

Phe Pro Lys Gly Tyr Leu  
1 5

<210> 471

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 471

Phe Pro Lys Ser Gly Leu  
1 5

<210> 472

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 472

Phe Pro Gly Tyr Lys Leu  
1 5

<210> 473

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 473

Phe Pro Ser Gly Lys Leu  
1 5

<210> 474

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 474

Phe Gly Tyr Pro Lys Leu  
1 5

<210> 475

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 475

Phe Ser Gly Pro Lys Leu  
1 5

<210> 476

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 476

Phe Gly Pro Lys Tyr Leu  
1 5

<210> 477

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 477

Phe Ser Pro Lys Gly Leu  
1 5

<210> 478

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 478

Phe Gln Asn Gly Tyr Lys  
1 5

<210> 479

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 479

Phe Gln Asn Ser Gly Lys  
1 5

<210> 480

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 480

Phe Gln Gly Tyr Asn Lys  
1 5

<210> 481

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 481

Phe Gln Ser Gly Asn Lys  
1 5

<210> 482

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 482

Phe Gly Tyr Gln Asn Lys  
1 5

<210> 483

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 483

Phe Ser Gly Gln Asn Lys  
1 5

<210> 484

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 484

Phe Gly Gln Asn Tyr Lys  
1 5

<210> 485

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 485

Phe Ser Gln Asn Gly Lys  
1 5

<210> 486

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 486

Phe Asn Pro Gly Tyr Glu  
1 5

<210> 487

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 487

Phe Asn Pro Ser Gly Glu  
1 5

<210> 488

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 488

Phe Asn Gly Tyr Pro Glu  
1 5

<210> 489

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 489

Phe Asn Ser Gly Pro Glu  
1 5

<210> 490

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 490

Phe Gly Tyr Asn Pro Glu  
1 5

<210> 491

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 491

Phe Ser Gly Asn Pro Glu  
1 5

<210> 492

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 492

Phe Gly Asn Pro Tyr Glu  
1 5

<210> 493

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 493

Phe Ser Asn Pro Gly Glu  
1 5

<210> 494

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 494

Phe His Glu Gly Tyr Pro  
1 5

<210> 495

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 495

Phe His Glu Ser Gly Pro  
1 5

<210> 496

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 496

Phe His Gly Tyr Glu Pro  
1 5

<210> 497

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 497

Phe His Ser Gly Glu Pro  
1 5

<210> 498

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 498

Phe Gly Tyr His Glu Pro  
1 5

<210> 499

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 499

Phe Ser Gly His Glu Pro  
1 5

<210> 500

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 500

Phe Gly His Glu Tyr Pro  
1 5

<210> 501

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 501

Phe Ser His Glu Gly Pro  
1 5

<210> 502

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 502

Phe His Lys Gly Tyr Glu  
1 5

<210> 503

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 503

Phe His Lys Ser Gly Glu  
1 5

<210> 504

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 504

Phe His Gly Tyr Lys Glu  
1 5

<210> 505

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 505

Phe His Ser Gly Lys Glu  
1 5

<210> 506

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 506

Phe Gly Tyr His Lys Glu  
1 5

<210> 507

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 507

Phe Ser Gly His Lys Glu  
1 5

<210> 508

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 508

Phe Gly His Lys Tyr Glu  
1 5

<210> 509

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 509

Phe Ser His Lys Gly Glu  
1 5

<210> 510

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 510

Phe Thr His Gly Tyr Asn  
1 5

<210> 511

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 511

Phe Thr His Ser Gly Asn  
1 5

<210> 512

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 512

Phe Thr Gly Tyr His Asn  
1 5

<210> 513

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 513

Phe Thr Ser Gly His Asn  
1 5

<210> 514

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 514

Phe Gly Tyr Thr His Asn  
1 5

<210> 515

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 515

Phe Ser Gly Thr His Asn  
1 5

<210> 516

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 516

Phe Gly Thr His Tyr Asn  
1 5

<210> 517

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 517

Phe Ser Thr His Gly Asn  
1 5

<210> 518

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 518

Phe Thr Leu Gly Tyr Gln  
1 5

<210> 519

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 519

Phe Thr Leu Ser Gly Gln  
1 5

<210> 520

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 520

Phe Thr Gly Tyr Leu Gln  
1 5

<210> 521

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 521

Phe Thr Ser Gly Leu Gln  
1 5

<210> 522

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 522

Phe Gly Tyr Thr Leu Gln  
1 5

<210> 523

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 523

Phe Ser Gly Thr Leu Gln  
1 5

<210> 524

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 524

Phe Gly Thr Leu Tyr Gln  
1 5

<210> 525

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 525

Phe Ser Thr Leu Gly Gln  
1 5

<210> 526

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 526

Phe Lys Gln Gly Tyr His  
1 5

<210> 527

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 527

Phe Lys Gln Ser Gly His  
1 5

<210> 528

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 528

Phe Lys Gly Tyr Gln His  
1 5

<210> 529

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 529

Phe Lys Ser Gly Gln His  
1 5

<210> 530

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 530

Phe Gly Tyr Lys Gln His  
1 5

<210> 531

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 531

Phe Ser Gly Lys Gln His  
1 5

<210> 532

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 532

Phe Gly Lys Gln Tyr His  
1 5

<210> 533

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 533

Phe Ser Lys Gln Gly His  
1 5

<210> 534

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 534

Phe Lys Leu Gly Tyr Pro  
1 5

<210> 535

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 535

Phe Lys Leu Ser Gly Pro  
1 5

<210> 536

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 536

Phe Lys Gly Tyr Leu Pro  
1 5

<210> 537

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 537

Phe Lys Ser Gly Leu Pro  
1 5

<210> 538

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 538

Phe Gly Tyr Lys Leu Pro  
1 5

<210> 539

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 539

Phe Ser Gly Lys Leu Pro  
1 5

<210> 540

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 540

Phe Gly Lys Leu Tyr Pro  
1 5

<210> 541

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 541

Phe Ser Lys Leu Gly Pro  
1 5

<210> 542

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 542

Phe Leu Glu Gly Tyr Asp  
1 5

<210> 543

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 543

Phe Leu Glu Ser Gly Asp  
1 5

<210> 544

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 544

Phe Leu Gly Tyr Glu Asp  
1 5

<210> 545

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 545

Phe Leu Ser Gly Glu Asp  
1 5

<210> 546

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 546

Phe Gly Tyr Leu Glu Asp  
1 5

<210> 547

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 547

Phe Ser Gly Leu Glu Asp  
1 5

<210> 548

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 548

Phe Gly Leu Glu Tyr Asp  
1 5

<210> 549

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 549

Phe Ser Leu Glu Gly Asp  
1 5

<210> 550

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 550

Phe Leu His Gly Tyr Gln  
1 5

<210> 551

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 551

Phe Leu His Ser Gly Gln  
1 5

<210> 552

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 552

Phe Leu Gly Tyr His Gln  
1 5

<210> 553

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 553

Phe Leu Ser Gly His Gln  
1 5

<210> 554

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 554

Phe Gly Tyr Leu His Gln  
1 5

<210> 555

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 555

Phe Ser Gly Leu His Gln  
1 5

<210> 556

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 556

Phe Gly Leu His Tyr Gln  
1 5

<210> 557

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 557

Phe Ser Leu His Gly Gln  
1 5

<210> 558

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 558

Phe Asp Thr Gly Tyr Glu  
1 5

<210> 559

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 559

Phe Asp Thr Ser Gly Glu  
1 5

<210> 560

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 560

Phe Asp Gly Tyr Thr Glu  
1 5

<210> 561

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 561

Phe Asp Ser Gly Thr Glu  
1 5

<210> 562

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 562

Phe Gly Tyr Asp Thr Glu  
1 5

<210> 563

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 563

Phe Ser Gly Asp Thr Glu  
1 5

<210> 564

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 564

Phe Gly Asp Thr Tyr Glu  
1 5

<210> 565

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 565

Phe Ser Asp Thr Gly Glu  
1 5

<210> 566

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 566

His Glu Gln Gly Tyr Phe  
1 5

<210> 567

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 567

His Glu Gln Ser Gly Phe  
1 5

<210> 568

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 568

His Glu Gly Tyr Gln Phe  
1 5

<210> 569

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 569

His Glu Ser Gly Gln Phe  
1 5

<210> 570

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 570

His Gly Tyr Glu Gln Phe  
1 5

<210> 571

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 571

His Ser Gly Glu Gln Phe  
1 5

<210> 572

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 572

His Gly Glu Gln Tyr Phe  
1 5

<210> 573

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 573

His Ser Glu Gln Gly Phe  
1 5

<210> 574

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 574

His Glu Lys Gly Tyr Pro  
1 5

<210> 575

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 575

His Glu Lys Ser Gly Pro  
1 5

<210> 576

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 576

His Glu Gly Tyr Lys Pro  
1 5

<210> 577

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 577

His Glu Ser Gly Lys Pro  
1 5

<210> 578

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 579

His Gly Tyr Glu Lys Pro  
1 5

<210> 579

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 579

His Ser Gly Glu Lys Pro  
1 5

<210> 580

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 580

His Gly Glu Lys Tyr Pro  
1 5

<210> 581

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 581

His Ser Glu Lys Gly Pro  
1 5

<210> 582

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 582

His Pro Glu Gly Tyr Asp  
1 5

<210> 583

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 583

His Pro Glu Ser Gly Asp  
1 5

<210> 584

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 584

His Pro Gly Tyr Glu Asp  
1 5

<210> 585

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 585

His Pro Ser Gly Glu Asp  
1 5

<210> 586

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 586

His Gly Tyr Pro Glu Asp  
1 5

<210> 587

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 587

His Ser Gly Pro Glu Asp  
1 5

<210> 588

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 588

His Gly Pro Glu Tyr Asp  
1 5

<210> 589

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 589

His Ser Pro Glu Gly Asp  
1 5

<210> 590

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 590

His Pro Phe Gly Tyr Leu  
1 5

<210> 591

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 591

His Pro Phe Ser Gly Leu  
1 5

<210> 592

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 592

His Pro Gly Tyr Phe Leu  
1 5

<210> 593

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 593

His Pro Ser Gly Phe Leu  
1 5

<210> 594

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 594

His Gly Tyr Pro Phe Leu  
1 5

<210> 595

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 595

His Ser Gly Pro Phe Leu  
1 5

<210> 596

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 596

His Gly Pro Phe Tyr Leu  
1 5

<210> 597

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 597

His Ser Pro Phe Gly Leu  
1 5

<210> 598

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 598

His Gln Glu Gly Tyr Leu  
1 5

<210> 599

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 599

His Gln Glu Ser Gly Leu  
1 5

<210> 600

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 600

His Gln Gly Tyr Glu Leu  
1 5

<210> 601

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 601

His Gln Ser Gly Glu Leu  
1 5

<210> 602

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 602

His Gly Tyr Gln Glu Leu  
1 5

<210> 603

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 603

His Ser Gly Gln Glu Leu  
1 5

<210> 604

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 604

His Gly Gln Glu Tyr Leu  
1 5

<210> 605

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 605

His Ser Gln Glu Gly Leu  
1 5

<210> 606

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 606

His Gln Thr Gly Tyr Asn  
1 5

<210> 607

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 607

His Gln Thr Ser Gly Asn  
1 5

<210> 608

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 608

His Gln Gly Tyr Thr Asn  
1 5

<210> 609

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 609

His Gln Ser Gly Thr Asn  
1 5

<210> 610

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 610

His Gly Tyr Gln Thr Asn  
1 5

<210> 611

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 611

His Ser Gly Gln Thr Asn  
1 5

<210> 612

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 612

His Gly Gln Thr Tyr Asn  
1 5

<210> 613

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 613

His Ser Gln Thr Gly Asn  
1 5

<210> 614

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 614

His Asn Lys Gly Tyr Asp  
1 5

<210> 615

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 615

His Asn Lys Ser Gly Asp  
1 5

<210> 616

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 616

His Asn Gly Tyr Lys Asp  
1 5

<210> 617

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 617

His Asn Ser Gly Lys Asp  
1 5

<210> 618

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 618

His Gly Tyr Asn Lys Asp  
1 5

<210> 619

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 619

His Ser Gly Asn Lys Asp  
1 5

<210> 620

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 620

His Gly Asn Lys Tyr Asp  
1 5

<210> 621

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 621

His Ser Asn Lys Gly Asp  
1 5

<210> 622

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 622

His Asn Asp Gly Tyr Thr  
1 5

<210> 623

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 623

His Asn Asp Ser Gly Thr  
1 5

<210> 624

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 624

His Asn Gly Tyr Asp Thr  
1 5

<210> 625

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 625

His Asn Ser Gly Asp Thr  
1 5

<210> 626

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 626

His Gly Tyr Asn Asp Thr  
1 5

<210> 627

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 627

His Ser Gly Asn Asp Thr  
1 5

<210> 628

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 628

His Gly Asn Asp Tyr Thr  
1 5

<210> 629

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 629

His Ser Asn Asp Gly Thr  
1 5

<210> 630

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 630

His Phe Thr Gly Tyr Lys  
1 5

<210> 631

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 631

His Phe Thr Ser Gly Lys  
1 5

<210> 632

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 632

His Phe Gly Tyr Thr Lys  
1 5

<210> 633

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 633

His Phe Ser Gly Thr Lys  
1 5

<210> 634

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 634

His Gly Tyr Phe Thr Lys  
1 5

<210> 635

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 635

His Ser Gly Phe Thr Lys  
1 5

<210> 636

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 636

His Gly Phe Thr Tyr Lys  
1 5

<210> 637

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 637

His Ser Phe Thr Gly Lys  
1 5

<210> 638

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 638

His Thr Pro Gly Tyr Asn  
1 5

<210> 639

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 639

His Thr Pro Ser Gly Asn  
1 5

<210> 640

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 640

His Thr Gly Tyr Pro Asn  
1 5

<210> 641

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 641

His Thr Ser Gly Pro Asn  
1 5

<210> 642

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 642

His Gly Tyr Thr Pro Asn  
1 5

<210> 643

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 643

His Ser Gly Thr Pro Asn  
1 5

<210> 644

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 644

His Gly Thr Pro Tyr Asn  
1 5

<210> 645

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 645

His Ser Thr Pro Gly Asn  
1 5

<210> 646

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 646

His Thr Phe Gly Tyr Gln  
1 5

<210> 647

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 647

His Thr Phe Ser Gly Gln  
1 5

<210> 648

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 648

His Thr Gly Tyr Phe Gln  
1 5

<210> 649

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 649

His Thr Ser Gly Phe Gln  
1 5

<210> 650

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 650

His Gly Tyr Thr Phe Gln  
1 5

<210> 651

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 651

His Ser Gly Thr Phe Gln  
1 5

<210> 652

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 652

His Gly Thr Phe Tyr Gln  
1 5

<210> 653

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 653

His Ser Thr Phe Gly Gln  
1 5

<210> 654

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 654

His Lys Pro Gly Tyr Glu  
1 5

<210> 655

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 655

His Lys Pro Ser Gly Glu  
1 5

<210> 656

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 656

His Lys Gly Tyr Pro Glu  
1 5

<210> 657

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 657

His Lys Ser Gly Pro Glu  
1 5

<210> 658

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 658

His Gly Tyr Lys Pro Glu  
1 5

<210> 659

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 659

His Ser Gly Lys Pro Glu  
1 5

<210> 660

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 660

His Gly Lys Pro Tyr Glu  
1 5

<210> 661

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 661

His Ser Lys Pro Gly Glu  
1 5

<210> 662

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 662

His Leu Glu Gly Tyr Phe  
1 5

<210> 663

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 663

His Leu Glu Ser Gly Phe  
1 5

<210> 664

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 664

His Leu Gly Tyr Glu Phe  
1 5

<210> 665

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 665

His Leu Ser Gly Glu Phe  
1 5

<210> 666

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 666

His Gly Tyr Leu Glu Phe  
1 5

<210> 667

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 667

His Ser Gly Leu Glu Phe  
1 5

<210> 668

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 668

His Gly Leu Glu Tyr Phe  
1 5

<210> 669

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 669

His Ser Leu Glu Gly Phe  
1 5

<210> 670

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 670

His Asp Thr Gly Tyr Leu  
1 5

<210> 671

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 671

His Asp Thr Ser Gly Leu  
1 5

<210> 672

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 672

His Asp Gly Tyr Thr Leu  
1 5

<210> 673

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 673

His Asp Ser Gly Thr Leu  
1 5

<210> 674

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 674

His Gly Tyr Asp Thr Leu  
1 5

<210> 675

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 675

His Ser Gly Asp Thr Leu  
1 5

<210> 676

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 676

His Gly Asp Thr Tyr Leu  
1 5

<210> 677

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 677

His Ser Asp Thr Gly Leu  
1 5

<210> 678

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 678

Thr Glu Phe Gly Tyr Leu  
1 5

<210> 679

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 679

Thr Glu Phe Ser Gly Leu  
1 5

<210> 680

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 680

Thr Glu Gly Tyr Phe Leu  
1 5

<210> 681

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 681

Thr Glu Ser Gly Phe Leu  
1 5

<210> 682

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 682

Thr Gly Tyr Glu Phe Leu  
1 5

<210> 683

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 683

Thr Ser Gly Glu Phe Leu  
1 5

<210> 684

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 684

Thr Gly Glu Phe Tyr Leu  
1 5

<210> 685

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 685

Thr Ser Glu Phe Gly Leu  
1 5

<210> 686

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 686

Thr Pro Asp Gly Tyr Lys  
1 5

<210> 687

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 687

Thr Pro Asp Ser Gly Lys  
1 5

<210> 688

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 688

Thr Pro Gly Tyr Asp Lys  
1 5

<210> 689

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 689

Thr Pro Ser Gly Asp Lys  
1 5

<210> 690

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 690

Thr Gly Tyr Pro Asp Lys  
1 5

<210> 691

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 691

Thr Ser Gly Pro Asp Lys  
1 5

<210> 692

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 692

Thr Gly Pro Asp Tyr Lys  
1 5

<210> 693

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 693

Thr Ser Pro Asp Gly Lys  
1 5

<210> 694

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 694

Thr Gln Leu Gly Tyr Glu  
1 5

<210> 695

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 695

Thr Gln Leu Ser Gly Glu  
1 5

<210> 696

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 696

Thr Gln Gly Tyr Leu Glu  
1 5

<210> 697

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 697

Thr Gln Ser Gly Leu Glu  
1 5

<210> 698

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 698

Thr Gly Tyr Gln Leu Glu  
1 5

<210> 699

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 699

Thr Ser Gly Gln Leu Glu  
1 5

<210> 700

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 700

Thr Gly Gln Leu Tyr Glu  
1 5

<210> 701

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 701

Thr Ser Gln Leu Gly Glu  
1 5

<210> 702

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 702

Thr Asn Asp Gly Tyr Leu  
1 5

<210> 703

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 703

Thr Asn Asp Ser Gly Leu  
1 5

<210> 704

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 704

Thr Asn Gly Tyr Asp  
1 5

<210> 705

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 705

Thr Asn Ser Gly Asp Leu  
1 5

<210> 706

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 706

Thr Gly Tyr Asn Asp Leu  
1 5

<210> 707

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 707

Thr Ser Gly Asn Asp Leu  
1 5

<210> 708

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 708

Thr Gly Asn Asp Tyr Leu  
1 5

<210> 709

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 709

Thr Ser Asn Asp Gly Leu  
1 5

<210> 710

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 710

Thr Phe His Gly Tyr Glu  
1 5

<210> 711

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 711

Thr Phe His Ser Gly Glu  
1 5

<210> 712

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 712

Thr Phe Gly Tyr His Glu  
1 5

<210> 713

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 713

Thr Phe Ser Gly His Glu  
1 5

<210> 714

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 714

Thr Gly Tyr Phe His Glu  
1 5

<210> 715

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 715

Thr Ser Gly Phe His Glu  
1 5

<210> 716

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 716

Thr Gly Phe His Tyr Glu  
1 5

<210> 717

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 717

Thr Ser Phe His Gly Glu  
1 5

<210> 718

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 718

Thr His Leu Gly Tyr Lys  
1 5

<210> 719

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 719

Thr His Leu Ser Gly Lys  
1 5

<210> 720

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 720

Thr His Gly Tyr Leu Lys  
1 5

<210> 721

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 721

Thr His Ser Gly Leu Lys  
1 5

<210> 722

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 722

Thr Gly Tyr His Leu Lys  
1 5

<210> 723

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 723

Thr Ser Gly His Leu Lys  
1 5

<210> 724

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 724

Thr Gly His Leu Tyr Lys  
1 5

<210> 725

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 725

Thr Ser His Leu Gly Lys  
1 5

<210> 726

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 726

Thr Leu Asn Gly Tyr Phe  
1 5

<210> 727

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 727

Thr Leu Asn Ser Gly Phe  
1 5

<210> 728

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 728

Thr Leu Gly Tyr Asn Phe  
1 5

<210> 729

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 729

Thr Leu Ser Gly Asn Phe  
1 5

<210> 730

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 730

Thr Gly Tyr Leu Asn Phe  
1 5

<210> 731

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 731

Thr Ser Gly Leu Asn Phe  
1 5

<210> 732

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 732

Thr Gly Leu Asn Tyr Phe  
1 5

<210> 733

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 733

Thr Ser Leu Asn Gly Phe  
1 5

<210> 734

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 734

Thr Asp Glu Gly Tyr Gln  
1 5

<210> 735

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 735

Thr Asp Glu Ser Gly Gln  
1 5

<210> 736

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 736

Thr Asp Gly Tyr Glu Gln  
1 5

<210> 737

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 737

Thr Asp Ser Gly Glu Gln  
1 5

<210> 738

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 738

Thr Gly Tyr Asp Glu Gln  
1 5

<210> 739

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 739

Thr Ser Gly Asp Glu Gln  
1 5

<210> 740

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 740

Thr Gly Asp Glu Tyr Gln  
1 5

<210> 741

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 741

Thr Ser Asp Glu Gly Gln  
1 5

<210> 742

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 742

Lys Glu Pro Gly Tyr His  
1 5

<210> 743

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 743

Lys Glu Pro Ser Gly His  
1 5

<210> 744

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 744

Lys Glu Gly Tyr Pro His  
1 5

<210> 745

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 745

Lys Glu Ser Gly Pro His  
1 5

<210> 746

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 746

Lys Gly Tyr Glu Pro His  
1 5

<210> 747

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 747

Lys Ser Gly Glu Pro His  
1 5

<210> 748

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 748

Lys Gly Glu Pro Tyr His  
1 5

<210> 749

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 749

Lys Ser Glu Pro Gly His  
1 5

<210> 750

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 750

Lys Glu Asp Gly Tyr Phe  
1 5

<210> 751

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 751

Lys Glu Asp Ser Gly Phe  
1 5

<210> 752

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 752

Lys Glu Gly Tyr Asp Phe  
1 5

<210> 753

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 753

Lys Glu Ser Gly Asp Phe  
1 5

<210> 754

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 754

Lys Gly Tyr Glu Asp Phe  
1 5

<210> 755

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 755

Lys Ser Gly Glu Asp Phe  
1 5

<210> 756

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 756

Lys Gly Glu Asp Tyr Phe  
1 5

<210> 757

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 757

Lys Ser Glu Asp Gly Phe  
1 5

<210> 758

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 758

Lys Pro His Gly Tyr Asn  
1 5

<210> 759

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 759

Lys Pro His Ser Gly Asn  
1 5

<210> 760

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 760

Lys Pro Gly Tyr His Asn  
1 5

<210> 761

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 761

Lys Pro Ser Gly His Asn  
1 5

<210> 762

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 762

Lys Gly Tyr Pro His Asn  
1 5

<210> 763

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 763

Lys Ser Gly Pro His Asn  
1 5

<210> 764

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 764

Lys Gly Pro His Tyr Asn  
1 5

<210> 765

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 765

Lys Ser Pro His Gly Asn  
1 5

<210> 766

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 766

Lys Gln Asn Gly Tyr Thr  
1 5

<210> 767

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 767

Lys Gln Asn Ser Gly Thr  
1 5

<210> 768

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 768

Lys Gln Gly Tyr Asn Thr  
1 5

<210> 769

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 769

Lys Gln Ser Gly Asn Thr  
1 5

<210> 770

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 770

Lys Gly Tyr Gln Asn Thr  
1 5

<210> 771

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 771

Lys Ser Gly Gln Asn Thr  
1 5

<210> 772

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 772

Lys Gly Gln Asn Tyr Thr  
1 5

<210> 773

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 773

Lys Ser Gln Asn Gly Thr  
1 5

<210> 774

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 774

Lys Asn Pro Gly Tyr Leu  
1 5

<210> 775

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 775

Lys Asn Pro Ser Gly Leu  
1 5

<210> 776

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 776

Lys Asn Gly Tyr Pro Leu  
1 5

<210> 777

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 777

Lys Asn Ser Gly Pro Leu  
1 5

<210> 778

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 778

Lys Gly Tyr Asn Pro Leu  
1 5

<210> 779

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 779

Lys Ser Gly Asn Pro Leu  
1 5

<210> 780

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 780

Lys Gly Asn Pro Tyr Leu  
1 5

<210> 781

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 781

Lys Ser Asn Pro Gly Leu  
1 5

<210> 782

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 782

Lys Asn Asp Gly Tyr Gln  
1 5

<210> 783

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 783

Lys Asn Asp Ser Gly Gln  
1 5

<210> 784

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 784

Lys Asn Gly Tyr Asp Gln  
1 5

<210> 785

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 785

Lys Asn Ser Gly Asp Gln  
1 5

<210> 786

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 786

Lys Gly Tyr Asn Asp Gln  
1 5

<210> 787

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 787

Lys Ser Gly Asn Asp Gln  
1 5

<210> 788

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 788

Lys Gly Asn Asp Tyr Gln  
1 5

<210> 789

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 789

Lys Ser Asn Asp Gly Gln  
1 5

<210> 790

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 790

Lys Phe His Gly Tyr Pro  
1 5

<210> 791

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 791

Lys Phe His Ser Gly Pro  
1 5

<210> 792

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 792

Lys Phe Gly Tyr His Pro  
1 5

<210> 793

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 793

Lys Phe Ser Gly His Pro  
1 5

<210> 794

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 794

Lys Gly Tyr Phe His Pro  
1 5

<210> 795

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 795

Lys Ser Gly Phe His Pro  
1 5

<210> 796

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 796

Lys Gly Phe His Tyr Pro  
1 5

<210> 797

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 797

Lys Ser Phe His Gly Pro  
1 5

<210> 798

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 798

Lys Phe Leu Gly Tyr His  
1 5

<210> 799

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 799

Lys Phe Leu Ser Gly His  
1 5

<210> 800

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 800

Lys Phe Gly Tyr Leu His  
1 5

<210> 801

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 801

Lys Phe Ser Gly Leu His  
1 5

<210> 802

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 802

Lys Gly Tyr Phe Leu His  
1 5

<210> 803

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 803

Lys Ser Gly Phe Leu His  
1 5

<210> 804

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 804

Lys Gly Phe Leu Tyr His  
1 5

<210> 805

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 805

Lys Ser Phe Leu Gly His  
1 5

<210> 806

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 806

Lys His Pro Gly Tyr Asp  
1 5

<210> 807

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 807

Lys His Pro Ser Gly Asp  
1 5

<210> 808

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 808

Lys His Gly Tyr Pro Asp  
1 5

<210> 809

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 809

Lys His Ser Gly Pro Asp  
1 5

<210> 810

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 810

Lys Gly Tyr His Pro Asp  
1 5

<210> 811

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 811

Lys Ser Gly His Pro Asp  
1 5

<210> 812

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 812

Lys Gly His Pro Tyr Asp  
1 5

<210> 813

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 813

Lys Ser His Pro Gly Asp  
1 5

<210> 814

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 814

Lys Thr Asn Gly Tyr Asp  
1 5

<210> 815

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 815

Lys Thr Asn Ser Gly Asp  
1 5

<210> 816

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 816

Lys Thr Gly Tyr Asn Asp  
1 5

<210> 817

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 817

Lys Thr Ser Gly Asn Asp  
1 5

<210> 818

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 818

Lys Gly Tyr Thr Asn Asp  
1 5

<210> 819

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 819

Lys Ser Gly Thr Asn Asp  
1 5

<210> 820

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 820

Lys Gly Thr Asn Tyr Asp  
1 5

<210> 821

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 821

Lys Ser Thr Asn Gly Asp  
1 5

<210> 822

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 822

Lys Asp Asn Gly Tyr Leu  
1 5

<210> 823

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 823

Lys Asp Asn Ser Gly Leu  
1 5

<210> 824

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 824

Lys Asp Gly Tyr Asn Leu  
1 5

<210> 825

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 825

Lys Asp Ser Gly Asn Leu  
1 5

<210> 826

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 826

Lys Gly Tyr Asp Asn Leu  
1 5

<210> 827

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 827

Lys Ser Gly Asp Asn Leu  
1 5

<210> 828

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 828

Lys Gly Asp Asn Tyr Leu  
1 5

<210> 829

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 829

Lys Ser Asp Asn Gly Leu  
1 5

<210> 830

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 830

Lys Asp His Gly Tyr Glu  
1 5

<210> 831

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 831

Lys Asp His Ser Gly Glu  
1 5

<210> 832

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 832

Lys Asp Gly Tyr His Glu  
1 5

<210> 833

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 833

Lys Asp Ser Gly His Glu  
1 5

<210> 834

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 834

Lys Gly Tyr Asp His Glu  
1 5

<210> 835

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 835

Lys Ser Gly Asp His Glu  
1 5

<210> 836

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 836

Lys Gly Asp His Tyr Glu  
1 5

<210> 837

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 837

Lys Ser Asp His Gly Glu  
1 5

<210> 838

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 838

Leu Glu Phe Gly Tyr Lys  
1 5

<210> 839

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 839

Leu Glu Phe Ser Gly Lys  
1 5

<210> 840

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 840

Leu Glu Gly Tyr Phe Lys  
1 5

<210> 841

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 841

Leu Glu Ser Gly Phe Lys  
1 5

<210> 842

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 842

Leu Gly Tyr Glu Phe Lys  
1 5

<210> 843

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 843

Leu Ser Gly Glu Phe Lys  
1 5

<210> 844

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 844

Leu Gly Glu Phe Tyr Lys  
1 5

<210> 845

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 845

Leu Ser Glu Phe Gly Lys  
1 5

<210> 846

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 846

Leu Gln Glu Gly Tyr Asn  
1 5

<210> 847

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 848

Leu Gln Glu Ser Gly Asn  
1 5

<210> 848

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 848

Leu Gln Gly Tyr Glu Asn  
1 5

<210> 849

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 849

Leu Gln Ser Gly Glu Asn  
1 5

<210> 850

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 850

Leu Gly Tyr Gln Glu Asn  
1 5

<210> 851

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 851

Leu Ser Gly Gln Glu Asn  
1 5

<210> 852

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 852

Leu Gly Gln Glu Tyr Asn  
1 5

<210> 853

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 853

Leu Ser Gln Glu Gly Asn  
1 5

<210> 854

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 854

Leu Asn Gln Gly Tyr Thr  
1 5

<210> 855

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 855

Leu Asn Gln Ser Gly Thr  
1 5

<210> 856

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 856

Leu Asn Gly Tyr Gln Thr  
1 5

<210> 857

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 857

Leu Asn Ser Gly Gln Thr  
1 5

<210> 858

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 858

Leu Gly Tyr Asn Gln Thr  
1 5

<210> 859

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 859

Leu Ser Gly Asn Gln Thr  
1 5

<210> 860

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 860

Leu Gly Asn Gln Tyr Thr  
1 5

<210> 861

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 861

Leu Ser Asn Gln Gly Thr  
1 5

<210> 862

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 862

Leu Phe His Gly Tyr Lys  
1 5

<210> 863

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 863

Leu Phe His Ser Gly Lys  
1 5

<210> 864

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 864

Leu Phe Gly Tyr His Lys  
1 5

<210> 865

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 865

Leu Phe Ser Gly His Lys  
1 5

<210> 866

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 866

Leu Gly Tyr Phe His Lys  
1 5

<210> 867

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 867

Leu Ser Gly Phe His Lys  
1 5

<210> 868

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 868

Leu Gly Phe His Tyr Lys  
1 5

<210> 869

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 869

Leu Ser Phe His Gly Lys  
1 5

<210> 870

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 870

Leu Phe Lys Gly Tyr Asp  
1 5

<210> 871

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 871

Leu Phe Lys Ser Gly Asp  
1 5

<210> 872

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 872

Leu Phe Gly Tyr Lys Asp  
1 5

<210> 873

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 873

Leu Phe Ser Gly Lys Asp  
1 5

<210> 874

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 874

Leu Gly Tyr Phe Lys Asp  
1 5

<210> 875

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 875

Leu Ser Gly Phe Lys Asp  
1 5

<210> 876

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 876

Leu Gly Phe Lys Tyr Asp  
1 5

<210> 877

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 877

Leu Ser Phe Lys Gly Asp  
1 5

<210> 878

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 878

Leu His Asp Gly Tyr Phe  
1 5

<210> 879

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 879

Leu His Asp Ser Gly Phe  
1 5

<210> 880

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 880

Leu His Gly Tyr Asp Phe  
1 5

<210> 881

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 881

Leu His Ser Gly Asp Phe  
1 5

<210> 882

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 882

Leu Gly Tyr His Asp Phe  
1 5

<210> 883

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 883

Leu Ser Gly His Asp Phe  
1 5

<210> 884

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 884

Leu Gly His Asp Tyr Phe  
1 5

<210> 885

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 885

Leu Ser His Asp Gly Phe  
1 5

<210> 886

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 886

Leu Thr Asp Gly Tyr Lys  
1 5

<210> 887

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 887

Leu Thr Asp Ser Gly Lys  
1 5

<210> 888

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 888

Leu Thr Gly Tyr Asp Lys  
1 5

<210> 889

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 889

Leu Thr Ser Gly Asp Lys  
1 5

<210> 890

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 890

Leu Gly Tyr Thr Asp Lys  
1 5

<210> 891

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 891

Leu Ser Gly Thr Asp Lys  
1 5

<210> 892

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 892

Leu Gly Thr Asp Tyr Lys  
1 5

<210> 893

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 893

Leu Ser Thr Asp Gly Lys  
1 5

<210> 894

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 894

Leu Asp Glu Gly Tyr His  
1 5

<210> 895

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 895

Leu Asp Glu Ser Gly His  
1 5

<210> 896

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 896

Leu Asp Gly Tyr Glu His  
1 5

<210> 897

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 897

Leu Asp Ser Gly Glu His  
1 5

<210> 898

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 898

Leu Gly Tyr Asp Glu His  
1 5

<210> 899

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 899

Leu Ser Gly Asp Glu His  
1 5

<210> 900

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 900

Leu Gly Asp Glu Tyr His  
1 5

<210> 901

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 901

Leu Ser Asp Glu Gly His  
1 5

<210> 902

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 902

Asp Glu Pro Gly Tyr Lys  
1 5

<210> 903

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 903

Asp Glu Pro Ser Gly Lys  
1 5

<210> 904

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 904

Asp Glu Gly Tyr Pro Lys  
1 5

<210> 905

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 905

Asp Glu Ser Gly Pro Lys  
1 5

<210> 906

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 906

Asp Gly Tyr Glu Pro Lys  
1 5

<210> 907

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 907

Asp Ser Gly Glu Pro Lys  
1 5

<210> 908

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 908

Asp Gly Glu Pro Tyr Lys  
1 5

<210> 909

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 909

Asp Ser Glu Pro Gly Lys  
1 5

<210> 910

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 910

Asp Glu Leu Gly Tyr Thr  
1 5

<210> 911

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 911

Asp Glu Leu Ser Gly Thr  
1 5

<210> 912

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 912

Asp Glu Gly Tyr Leu Thr  
1 5

<210> 913

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 913

Asp Glu Ser Gly Leu Thr  
1 5

<210> 914

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 914

Asp Gly Tyr Glu Leu Thr  
1 5

<210> 915

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 915

Asp Ser Gly Glu Leu Thr  
1 5

<210> 916

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 916

Asp Gly Glu Leu Tyr Thr  
1 5

<210> 917

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 917

Asp Ser Glu Leu Gly Thr  
1 5

<210> 918

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 918

Asp Asn Lys Gly Tyr Gln  
1 5

<210> 919

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 919

Asp Asn Lys Ser Gly Gln  
1 5

<210> 920

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 920

Asp Asn Gly Tyr Lys Gln  
1 5

<210> 921

<211> 6

<212> PRT



<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 921

Asp Asn Ser Gly Lys Gln  
1 5

<210> 922

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 922

Asp Gly Tyr Asn Lys Gln  
1 5

<210> 923

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 923

Asp Ser Gly Asn Lys Gln  
1 5

<210> 924

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 924

Asp Gly Asn Lys Tyr Gln  
1 5

<210> 925

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 925

Asp Ser Asn Lys Gly Gln  
1 5

<210> 926

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 926

Asp Thr Glu Gly Tyr Gln  
1 5

<210> 927

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 927

Asp Thr Glu Ser Gly Gln  
1 5

<210> 928

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 928

Asp Thr Gly Tyr Glu Gln  
1 5

<210> 929

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 929

Asp Thr Ser Gly Glu Gln  
1 5

<210> 930

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 930

Asp Gly Tyr Thr Glu Gln  
1 5

<210> 931

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 931

Asp Ser Gly Thr Glu Gln  
1 5

<210> 932

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 932

Asp Gly Thr Glu Tyr Gln  
1 5

<210> 933

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 933

Asp Ser Thr Glu Gly Gln  
1 5

<210> 934

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 934

Asp Lys His Gly Tyr Pro  
1 5

<210> 935

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 935

Asp Lys His Ser Gly Pro  
1 5

<210> 936

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 936

Asp Lys Gly Tyr His Pro  
1 5

<210> 937

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 937

Asp Lys Ser Gly His Pro  
1 5

<210> 938

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 938

Asp Gly Tyr Lys His Pro  
1 5

<210> 939

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 939

Asp Ser Gly Lys His Pro  
1 5

<210> 940

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 940

Asp Gly Lys His Tyr Pro  
1 5

<210> 941

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 941

Asp Ser Lys His Gly Pro  
1 5

<210> 942

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 942

Asp Leu Thr Gly Tyr Phe  
1 5

<210> 943

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 943

Asp Leu Thr Ser Gly Phe  
1 5

<210> 944

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 944

Asp Leu Gly Tyr Thr Phe  
1 5

<210> 945

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 945

Asp Leu Ser Gly Thr Phe  
1 5

<210> 946

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 946

Asp Gly Tyr Leu Thr Phe  
1 5

<210> 947

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 947

Asp Ser Gly Leu Thr Phe  
1 5

<210> 948

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 948

Asp Gly Leu Thr Tyr Phe  
1 5

<210> 949

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 949

Glu Pro Asn Gly Tyr Phe  
1 5

<210> 950

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> synthetic peptide

<400> 950

Glu Pro Asn Ser Gly Phe  
1 5

<210> 951

<211> 6

<212> PRT

<213> Artificial Sequence

<220>  
<223> synthetic peptide  
  
<400> 951  
Glu Pro Gly Tyr Asn Phe  
1 5  
  
<210> 952  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 952  
Glu Pro Ser Gly Asn Phe  
1 5  
  
<210> 953  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 953  
Glu Gly Tyr Pro Asn Phe  
1 5  
  
<210> 954  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 954  
Glu Ser Gly Pro Asn Phe  
1 5  
  
<210> 955  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 955  
Glu Gly Pro Asn Tyr Phe  
1 5  
  
<210> 956  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 956  
Glu Ser Pro Asn Gly Phe  
1 5

<210> 957  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 957  
Glu Pro His Gly Tyr Lys  
1 5

<210> 958  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 958  
Glu Pro His Ser Gly Lys  
1 5

<210> 959  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 959  
Glu Pro Gly Tyr His Lys  
1 5

<210> 960  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 960  
Glu Pro Ser Gly His Lys  
1 5

<210> 961  
<211> 6  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> synthetic peptide

<400> 961  
Glu Gly Tyr Pro His Lys  
1 5

<210> 962  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 962  
Glu Ser Gly Pro His Lys  
1 5

<210> 963  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 963  
Glu Gly Pro His Tyr Lys  
1 5

<210> 964  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 964  
Glu Ser Pro His Gly Lys  
1 5

<210> 965  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 965  
Glu Gln Pro Gly Tyr Asn  
1 5

<210> 966  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 966  
Glu Gln Pro Ser Gly Asn  
1 5

<210> 967  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 967  
Glu Gln Gly Tyr Pro Asn  
1 5

<210> 968  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 968  
Glu Gln Ser Gly Pro Asn  
1 5

<210> 969  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 969  
Glu Gly Tyr Gln Pro Asn  
1 5

<210> 970  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 970  
Glu Ser Gly Gln Pro Asn  
1 5

<210> 971  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide  
  
<400> 971  
Glu Gly Gln Pro Tyr Asn  
1 5  
  
<210> 972  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 972  
Glu Ser Gln Pro Gly Asn  
1 5  
  
<210> 973  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 973  
Glu Gln Phe Gly Tyr His  
1 5  
  
<210> 974  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 974  
Glu Gln Phe Ser Gly His  
1 5  
  
<210> 975  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 975  
Glu Gln Gly Tyr Phe His  
1 5  
  
<210> 976  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide  
  
<400> 976  
Glu Gln Ser Gly Phe His  
1 5  
  
<210> 977  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 977  
Glu Gly Tyr Gln Phe His  
1 5  
  
<210> 978  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 978  
Glu Ser Gly Gln Phe His  
1 5  
  
<210> 979  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 979  
Glu Gly Gln Phe Tyr His  
1 5  
  
<210> 980  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 980  
Glu Ser Gln Phe Gly His  
1 5  
  
<210> 981  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 981  
Glu Asn Pro Gly Tyr Thr  
1 5

<210> 982  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 982  
Glu Asn Pro Ser Gly Thr  
1 5

<210> 983  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 983  
Glu Asn Gly Tyr Pro Thr  
1 5

<210> 984  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 984  
Glu Asn Ser Gly Pro Thr  
1 5

<210> 985  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 985  
Glu Gly Tyr Asn Pro Thr  
1 5

<210> 986  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 986  
Glu Ser Gly Asn Pro Thr  
1 5

<210> 987  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 987  
Glu Gly Asn Pro Tyr Thr  
1 5

<210> 988  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 988  
Glu Ser Asn Pro Gly Thr  
1 5

<210> 989  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 989  
Glu Asn Phe Gly Tyr Asp  
1 5

<210> 990  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 990  
Glu Asn Phe Ser Gly Asp  
1 5

<210> 991  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide  
  
<400> 991  
Glu Asn Gly Tyr Phe Asp  
1 5  
  
<210> 992  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 992  
Glu Asn Ser Gly Phe Asp  
1 5  
  
<210> 993  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 993  
Glu Gly Tyr Asn Phe Asp  
1 5  
  
<210> 994  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 994  
Glu Ser Gly Asn Phe Asp  
1 5  
  
<210> 995  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 995  
Glu Gly Asn Phe Tyr Asp  
1 5  
  
<210> 996  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 996  
Glu Ser Asn Phe Gly Asp  
1 5

<210> 997  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 997  
Glu Asn Asp Gly Tyr Pro  
1 5

<210> 998  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 998  
Glu Asn Asp Ser Gly Pro  
1 5

<210> 999  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 999  
Glu Asn Gly Tyr Asp Pro  
1 5

<210> 1000  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1000  
Glu Asn Ser Gly Asp Pro  
1 5

<210> 1001  
<211> 6  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> synthetic peptide

<400> 1001  
Glu Gly Tyr Asn Asp Pro  
1 5

<210> 1002  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1002  
Glu Ser Gly Asn Asp Pro  
1 5

<210> 1003  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1003  
Glu Gly Asn Asp Tyr Pro  
1 5

<210> 1004  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1004  
Glu Ser Asn Asp Gly Pro  
1 5

<210> 1005  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1005  
Glu Phe Gln Gly Tyr Pro  
1 5

<210> 1006  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1006  
Glu Phe Gln Ser Gly Pro  
1 5

<210> 1007  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1007  
Glu Phe Gly Tyr Gln Pro  
1 5

<210> 1008  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1008  
Glu Phe Ser Gly Gln Pro  
1 5

<210> 1009  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1009  
Glu Gly Tyr Phe Gln Pro  
1 5

<210> 1010  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1010  
Glu Ser Gly Phe Gln Pro  
1 5

<210> 1011  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide  
  
<400> 1011  
Glu Gly Phe Gln Tyr Pro  
1 5  
  
<210> 1012  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 1012  
Glu Ser Phe Gln Gly Pro  
1 5  
  
<210> 1013  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 1013  
Glu Phe Lys Gly Tyr Thr  
1 5  
  
<210> 1014  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 1014  
Glu Phe Lys Ser Gly Thr  
1 5  
  
<210> 1015  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 1015  
Glu Phe Gly Tyr Lys Thr  
1 5  
  
<210> 1016  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1016  
Glu Phe Ser Gly Lys Thr  
1 5

<210> 1017  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1017  
Glu Gly Tyr Phe Lys Thr  
1 5

<210> 1018  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1018  
Glu Ser Gly Phe Lys Thr  
1 5

<210> 1019  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1019  
Glu Gly Phe Lys Tyr Thr  
1 5

<210> 1020  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1020  
Glu Ser Phe Lys Gly Thr  
1 5

<210> 1021  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1021  
Glu Phe Asp Gly Tyr His  
1 5

<210> 1022  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1022  
Glu Phe Asp Ser Gly His  
1 5

<210> 1023  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1023  
Glu Phe Gly Tyr Asp His  
1 5

<210> 1024  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1024  
Glu Phe Ser Gly Asp His  
1 5

<210> 1025  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1025  
Glu Gly Tyr Phe Asp His  
1 5

<210> 1026  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1026  
Glu Ser Gly Phe Asp His  
1 5

<210> 1027  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1027  
Glu Gly Phe Asp Tyr His  
1 5

<210> 1028  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1028  
Glu Ser Phe Asp Gly His  
1 5

<210> 1029  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1029  
Glu His Asn Gly Tyr Gln  
1 5

<210> 1030  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1030  
Glu His Asn Ser Gly Gln  
1 5

<210> 1031  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide  
  
<400> 1031  
Glu His Gly Tyr Asn Gln  
1 5  
  
<210> 1032  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 1032  
Glu His Ser Gly Asn Gln  
1 5  
  
<210> 1033  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 1033  
Glu Gly Tyr His Asn Gln  
1 5  
  
<210> 1034  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 1034  
Glu Ser Gly His Asn Gln  
1 5  
  
<210> 1035  
<211> 6  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> synthetic peptide  
  
<400> 1035  
Glu Gly His Asn Tyr Gln  
1 5  
  
<210> 1036  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1036  
Glu Ser His Asn Gly Gln  
1 5

<210> 1037  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1037  
Glu His Lys Gly Tyr Pro  
1 5

<210> 1038  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1038  
Glu His Lys Ser Gly Pro  
1 5

<210> 1039  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1039  
Glu His Gly Tyr Lys Pro  
1 5

<210> 1040  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1040  
Glu His Ser Gly Lys Pro  
1 5

<210> 1041  
<211> 6  
<212> PRT  
<213> Artificial Sequence



<220>  
 <223> synthetic peptide

<400> 1041  
 Glu Gly Tyr His Lys Pro  
 1 5

<210> 1042  
 <211> 6  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> synthetic peptide

<400> 1042  
 Glu Ser Gly His Lys Pro  
 1 5

<210> 1043  
 <211> 6  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> synthetic peptide

<400> 1043  
 Glu Gly His Lys Tyr Pro  
 1 5

<210> 1044  
 <211> 6  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> synthetic peptide

<400> 1044  
 Glu Ser His Lys Gly Pro  
 1 5

<210> 1045  
 <211> 6  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> synthetic peptide

<400> 1045  
 Glu Thr Asn Gly Tyr Lys  
 1 5

<210> 1046  
 <211> 6  
 <212> PRT  
 <213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1046  
Glu Thr Asn Ser Gly Lys  
1 5

<210> 1047  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1047  
Glu Thr Gly Tyr Asn Lys  
1 5

<210> 1048  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1048  
Glu Thr Ser Gly Asn Lys  
1 5

<210> 1049  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1049  
Glu Gly Tyr Thr Asn Lys  
1 5

<210> 1050  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1050  
Glu Ser Gly Thr Asn Lys  
1 5

<210> 1051  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1051  
Glu Gly Thr Asn Tyr Lys  
1 5

<210> 1052  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1052  
Glu Ser Thr Asn Gly Lys  
1 5

<210> 1053  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1053  
Glu Lys Pro Gly Tyr His  
1 5

<210> 1054  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1054  
Glu Lys Pro Ser Gly His  
1 5

<210> 1055  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1055  
Glu Lys Gly Tyr Pro His  
1 5

<210> 1056  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1056  
Glu Lys Ser Gly Pro His  
1 5

<210> 1057  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1057  
Glu Gly Tyr Lys Pro His  
1 5

<210> 1058  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1058  
Glu Ser Gly Lys Pro His  
1 5

<210> 1059  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1059  
Glu Gly Lys Pro Tyr His  
1 5

<210> 1060  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1060  
Glu Ser Lys Pro Gly His  
1 5

<210> 1061  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1061  
Glu Leu Asn Gly Tyr Asp  
1 5

<210> 1062  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1062  
Glu Leu Asn Ser Gly Asp  
1 5

<210> 1063  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1063  
Glu Leu Gly Tyr Asn Asp  
1 5

<210> 1064  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1064  
Glu Leu Ser Gly Asn Asp  
1 5

<210> 1065  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1065  
Glu Gly Tyr Leu Asn Asp  
1 5

<210> 1066  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1066  
Glu Ser Gly Leu Asn Asp  
1 5

<210> 1067  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1067  
Glu Gly Leu Asn Tyr Asp  
1 5

<210> 1068  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1068  
Glu Ser Leu Asn Gly Asp  
1 5

<210> 1069  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1069  
Glu Asp Pro Gly Tyr Phe  
1 5

<210> 1070  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1070  
Glu Asp Pro Ser Gly Phe  
1 5

<210> 1071  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1071  
Glu Asp Gly Tyr Pro Phe  
1 5

<210> 1072  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1072  
Glu Asp Ser Gly Pro Phe  
1 5

<210> 1073  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1073  
Glu Gly Tyr Asp Pro Phe  
1 5

<210> 1074  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1074  
Glu Ser Gly Asp Pro Phe  
1 5

<210> 1075  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1075  
Glu Gly Asp Pro Tyr Phe  
1 5

<210> 1076  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1076  
Glu Ser Asp Pro Gly Phe  
1 5

<210> 1077  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1077  
Glu Asp Phe Gly Tyr Pro  
1 5

<210> 1078  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1078  
Glu Asp Phe Ser Gly Pro  
1 5

<210> 1079  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1079  
Glu Asp Gly Tyr Phe Pro  
1 5

<210> 1080  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1080  
Glu Asp Ser Gly Phe Pro  
1 5

<210> 1081  
<211> 6  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> synthetic peptide

<400> 1081  
Glu Gly Tyr Asp Phe Pro  
1 5

<210> 1082  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1082  
Glu Ser Gly Asp Phe Pro  
1 5

<210> 1083  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1083  
Glu Gly Asp Phe Tyr Pro  
1 5

<210> 1084  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1084  
Glu Ser Asp Phe Gly Pro  
1 5

<210> 1085  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1085  
Pro Glu Gln Gly Tyr Asn  
1 5

<210> 1086  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1086  
Pro Glu Gln Ser Gly Asn  
1 5

<210> 1087  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1087  
Pro Glu Gly Tyr Gln Asn  
1 5

<210> 1088  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1088  
Pro Glu Ser Gly Gln Asn  
1 5

<210> 1089  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1089  
Pro Gly Tyr Glu Gln Asn  
1 5

<210> 1090  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1090  
Pro Ser Gly Glu Gln Asn  
1 5

<210> 1091  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1091  
Pro Gly Glu Gln Tyr Asn  
1 5

<210> 1092  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1092  
Pro Ser Glu Gln Gly Asn  
1 5

<210> 1093  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1093  
Pro Glu Phe Gly Tyr Gln  
1 5

<210> 1094  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> synthetic peptide

<400> 1094  
Pro Glu Phe Ser Gly Gln  
1 5